



Nobel Prizes in scientific fields  
were awarded this week  
SCIENCE & TECHNOLOGY B7



Field hockey team  
dominates in shutout  
SPORTS B10

# the johns hopkins News-Letter

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In response to The Center for Bio-Ethical Reform's display on N. Charles Street, Voice For Choice staged an impromptu counter-protest.

COURTESY OF JOEY LI

## Simultaneous displays conflict on abortion

By SERA YOO and  
EMILY HERMAN  
Staff Writers

Hopkins Voice for Choice (VFC) hosted the 1 in 3 Campaign, a movement to diminish stigma surrounding abortion, on Q-level of the Milton S. Eisenhower (MSE) Library on Wednesday. Meanwhile, representatives from the Maryland chapter of The Center for Bio-Ethical Reform (CBR) held a display on the median in the

middle of N. Charles Street outside Charles Street Market to share their anti-abortion views with students. VFC members held a protest against the CBR display, which was part of the organization's national Genocide Awareness Project (GAP) tour. The display contained graphic images of aborted fetuses and compared abortion to the Holocaust and the Rwandan Genocide. The display was not announced to the University community

ahead of time.

Jonathan Darnel, a CBR Maryland field worker, said that he hoped people would find the images in the pro-life display upsetting.

"They shouldn't be upset because the picture disturbs them, but because [they] depict... legalized murder," Darnel said. "[CBR's] bread and butter is to go to universities... and show the truth of abortion and try to discuss with people why it's wrong."

Although the 1 in 3 Campaign display was advertised on Facebook and in the University's daily announcements email, Darnel said that he had been planning to bring his volunteers to Hopkins without knowing about the VFC event.

"Honestly, it's perfect timing to show counterpoint and counterpoint about the same subject," Darnel said.

Although Hopkins Voice For Life (VFL) President Jessica Janneck also stood with the CBR representatives, she wrote in an email to *The News-Letter* that VFL did not sponsor or invite the GAP display.

"I found that GAP provided a helpful starting point... to share my beliefs that women deserve better and that both women and their pre-born children deserve to be valued and treated with dignity," Janneck wrote. "While Voice for Life members have varying opinions on which method is best to share the pro-life message, we all agree that

SEE PROTEST, PAGE A4

## CSE resets freshman ballot after mishap

By JOHN HUGHES  
Staff Writer

The Committee on Student Elections (CSE) announced Friday that Anna Du will serve as the freshman class president for the Class of 2018. Alex Darwiche, Heidi Wool, Elise Rodrigues, Kwame Alston, Alberto

Pepe Muniz and Sarah Zappone were elected to be class senators.

The online election for the Student Government Association (SGA) freshman representatives, which kicked off Sept. 29 at 8 p.m., had to be reset 12 hours later because the initial ballot posted omitted some of the candidates.

Candidates had mixed reactions to the CSE's handling of the error. Freshman Abigail Annear, who ran for a senator position, wrote in an email to *The News-Letter* that she found out that her name was omitted from the initial ballot while attending a "Meet The Candidates" event in the Fresh Food Café (FFC).

"When I received the first text from a friend alerting me that my name wasn't on the ballot... I immediately emailed the chair of the Committee [CSE], who didn't respond for over a half an hour," Annear wrote. "Deciding to confront the CSE officials at the event, I waited and waited for them to show. By the time they arrived, an hour had already elapsed since the voting period began, texts had piled up notifying me of the ballot discrepancy."

Mia Berman, who also ran for Senate, wrote in an email to *The News-Letter* that she thought the reset hurt the election because the votes

SEE ELECTION, PAGE A6

## I.D.E.A.L. Voting Club promotes discourse

By CATHERINE  
PALMER  
Staff Writer

I.D.E.A.L. Voting Club, a new student forum founded by sophomore Liam Haviv for nonpartisan political discussion, is seeking to change the way students form and share their political opinions.

Haviv founded the original I.D.E.A.L. Voting Club at University High School in Tucson, Ariz. in 2011. He serves as the club's president and hopes to create a club model that can be replicated at campuses across the country.

The acronym I.D.E.A.L. stands for "Inform. Discuss. Enlighten. Acknowledge. Learn."

"We are a movement

SEE I.D.E.A.L., PAGE A6

## "Yes Means Yes" law defines sexual consent

By SHERRY KIM  
Staff Writer

California's newly passed "Affirmative Consent" Sexual Assault Bill, which requires "affirmative, conscious, and voluntary agreement to engage in sexual activity," has sparked debate on how sexual violence investigations on college campuses should be conducted.

"Lack of protest or resistance does not mean consent, nor does silence mean consent," the law, commonly referred to as the "Yes Means Yes" bill, states. "Affirmative consent must be ongoing throughout a sexual activity and can be revoked at any time."

California is now the first state to have a clear definition of sexual consent. By requiring affirmative consent in every stage of a sexual encounter

between partners, the law aims to eliminate ambiguity around consent and reduces the burden on sexual assault survivors. It also states that consent can never be given by someone who is asleep, unconscious or under the influence of alcohol or drugs.

Under this bill, all California schools receiving any form of funding from the state must abide by this definition of consent when investigating sexual assault cases.

Similar to the "Yes Means Yes" law, the University's Sexual Violence Policy also requires that affirmative consent must be given to engage in sexual activity.

"Sexual activity of any kind requires consent, which is defined as clear and voluntary agreement between participants to

SEE CONSENT, PAGE A6

## Bamboo Café replaces Silk Road Café

By ALEX DRAGONE  
Staff Writer

The Bamboo Café, which offers a variety of Asian foods, opened in the Mattin Center on Oct. 1, taking the place of the Silk Road Café.

"Hopkins Dining made a decision to replace Silk Road Café with a new and fresh take on Asian cuisines," Bill Connor, director of dining services, wrote in an email to *The News-Letter*. "The majority of student feedback over the course of the last year was that our new dining contractor, Bon Appétit, provided great food, and we wanted to continue this level of student satisfaction



MANYU SHARMA/PHOTOGRAPHY STAFF  
Students sample Asian cuisine at Bamboo Café, which opened Oct. 1.

at the Mattin Center."

Bamboo Café's meal options include miso soup, pho (noodle soup), bao (steamed buns), banh mi (Vietnamese sandwiches) and Hissho Sushi, the same brand

found at One Bowl in Levering and the Charles Street Market. They also carry bubble tea and smoothies.

"The food is okay, but it's still campus food,"

SEE BAMBOO, PAGE A5

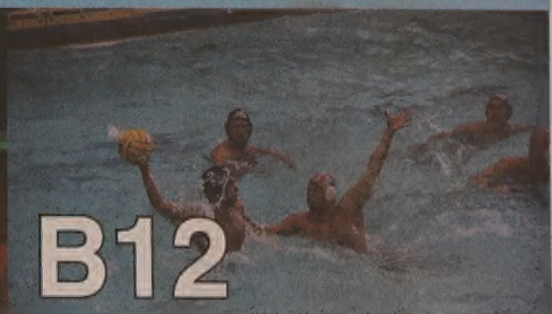
## INSIDE



A4



B7



B12



## NEWS &amp; FEATURES

# Child care center to be built on campus

By JESSICA KIM COHEN  
Staff Writer

The development of a Hopkins-sponsored early child care center near the Homewood campus moved forward with the closure of a University employee parking lot on Oct. 4, according to a notice by Transportation Services.

A temporary child care center is slated to open next September at the former Stony Run parking lot, which is located at the intersection of Remington Avenue and Wyman Park Drive, according to a May 2014 report by the Office of Work, Life and Engagement titled "Responding to the Need for Child Care on the Homewood Campus."

Among its findings, the report said that peer institutions offered "considerably more child care options" than Hopkins, following an analysis of 10 "Ivy Plus" peer institutions selected and contacted by the University.

The temporary center will take the form of a one-level, modular building with a lifespan of 15 to 20 years. A permanent center is set to open in 2020 at the intersection of University Parkway and San Martin Drive, a location previously occupied by the Carnegie Institution for Science's Department of Embryology.

"Upon making their commitment to child care, University leadership wanted to expedite the process, so discussions included a short-term or temporary solution and a long term or permanent solution," Michelle Carlstrom, senior director of the Office of Work, Life and Engagement, wrote in an email to *The News-Letter*.

Development of the temporary site will include removing the parking surface and remediating contamination in the lot, according to an email sent by the administration to the Homewood faculty and staff.

"Routine testing indicated old petroleum contamination in spots," the email read. "We believe such contamination is likely part of the soil brought in decades ago to fill the site. The University will remediate this contamination across the entire site to ensure the project exceeds applicable state safety standards."

The email also said that employees who previously used the Stony Run parking lot would be offered alternate parking options at equivalent costs.

Once open, the temporary center will accommodate up to 94 children. Carlstrom wrote that enrollment in the Homewood Early Learning Center will be open to anyone with children between the ages of 10 weeks and five years. However, priority will be given to University faculty, staff, post-doctoral students and graduate students.

The center will be managed by Downtown Baltimore Child Care (DBCC), an organization that manages early child care for the University of Maryland at Baltimore. While DBCC is not guaranteed a management role in the permanent center, Margo Sipes, Executive Director of DBCC, said they will

have an option to renew their contract before the permanent center opens.

All of the Homewood Early Learning Center employees, including the center's director, will be hired through DBCC. The future director of the center, once hired, will determine the potential for undergraduate student involvement. Head and assistant teacher positions will not be available to students, as DBCC requires degrees for both positions — however, Sipes said they might consider taking on students in volunteering, part-time working and work-study positions.

DBCC was selected after a process that began last spring and included site visits, interviews and budget discussions. The process took into account staff-to-child ratios and staff credentials, along with faculty input.

Meetings with KSAS and WSE faculty on Sept. 23, 2013 and Oct. 15, 2013 noted a "strong consensus that a child care center is an investment in attracting and retaining high-quality faculty," according to the "Responding to the Need for Child Care on the Homewood Campus" report.

Meetings also highlighted a desire for a "program model that moves from a strong child-focused model at the younger ages to a progressively more structured day as children age and prepare for school."

DBCC follows a child- and play-focused approach, according to Sipes. Rather than focusing on "isolated academics" — teaching children about colors, letters, shapes and other early childhood learning topics in isolation — DBCC emphasizes developing this knowledge in conjunction with broader skills, including communication, critical thinking and self-direction.

"We take what's happening functionally in the class and develop our curriculum around that," Sipes said. "If you walk into our pre-K word wall in the second half of the school year, you'll see multi-syllable words, like 'paleontology' and 'birthday' — or maybe 'skeleton' around Halloween."

Plans for the Homewood Early Learning Center began in 2010 and were organized by the Office of Work, Life and Engagement.

"The call for a child care center on the Homewood campus has been ongoing for many years. In 2010, faculty raised concerns the Office of Work, Life and Engagement was brought in to assist," Carlstrom wrote.

This assistance included contracting with Mills Consulting Group, Inc. to determine the feasibility of a child care center and to establish a process for creating one, along with working with the Maryland Family Network's LOCATE service to evaluate child care options in the area and compiling demographic data to assess child care needs at Hopkins.

A website with information about cost, enrollment and tuition will be launched in December, according to Carlstrom. Once they are finalized, architectural drawings of the temporary center will also be available online.

# OLÉ event kicks off Latino Heritage Month

By ANNE HOLLMULLER  
Staff Writer

The Organización Latino Estudiantil (OLÉ) held a kickoff event in Charles Commons Friday evening to celebrate the beginning of Latino Heritage Month.

At the start of the event, members of OLÉ's executive board described several of the group's upcoming events, including "Orange is the New Black: A Night With Jackie 'Flacka' Cruz," which will take place in Mudd 26 at 7 p.m. on Oct. 23. Cruz, a star on the Netflix series *Orange is the New Black*, will speak about the challenges and successes that she experienced in her personal life and career.

During Parent's Weekend, Salsa Y Salsa will give students a chance to learn about salsa dancing while tasting different salsas. The board encouraged students to attend these events and to learn more about Latino history, identity and culture during the month of October.

"Latino Heritage Month is our biggest month. We begin planning it in June [or] July," OLÉ President junior

Leslie Peralta said. "It's a very hectic time period; a lot of coordination has to go into it, [such as] finalizing dates, finding and reserving locations, picking a menu [and] choosing speakers."

Peralta has been involved in OLÉ since the fall of her freshman year

and became OLÉ's president this year.

"Opening Ceremony every year consists of an executive board introduction, a breakdown of LHM's upcoming events [and] a speaker followed by food and dancing," Peralta said.

Guest speaker Reyna Jarocki, education director and volunteer coordinator at Education Based Latino Outreach (EBLO), a non-profit which assists Latino children with basic reading, writing and math, encouraged students to volunteer with EBLO or another student organization. She de-

scribed the programs that EBLO sponsors, which include an adult bilingual computer education program called Entrance to the Future, a Saturday school featuring cultural enrichment programs and youth tutoring and an after-school program called Mi Segunda Casa,

which helps to empower students and to develop their academic skills.

Following this, Notes of Ranvier, a co-ed community service

cappella group, performed two songs. The group sang "Demons," which featured soloist Michael Guo, and "For the Longest Time," which featured soloist Rohith Bhetanabotla.

"It was incredible to see a mix of people come together to celebrate the culture of Latin America," Anwesha Dubey, a member of the Notes of Ranvier, said.



IVANA SU/PHOTO EDITOR  
Attendees sampled Hispanic dishes.

# Students explore modern dance in campus classes

By MARY KATE TURNER  
Staff Writer

Every week in the Martin Center, students meet in the Caplan Dance Studio for ballet and modern dance classes. These courses include open sessions, as well as advanced classes for company members. They each run for one semester and are non-credit.

The modern dance program, headed by Marilyn Byers, combines the instruction of technical skills with a focus on creative expression. On the technical side, dancers condition

and improve their balance, coordination, breathing and flexibility. The creative aspect of this course centers on experimentation, individualism and turning ideas into a form of expressive art.

"I started taking modern at the start of the second semester, and absolutely loved it," sophomore Becca Black wrote in an email to *The News-Letter*. "It wasn't like any other style of dance I'd done before and was difficult to adjust to after having almost exclusively ballet training growing up, but Marilyn encouraged me every step of the way, and even asked me to perform in the modern dance showcase that spring."

In addition to weekly classes, dancers may choose to be a part of the JHU Modern Dance Company, which was founded in 1981 and is open to both undergraduate and graduate students. Currently, the Company has about a dozen dancers.

Byers has been at the helm of this group for over 30 years and is praised for her creativity and dedi-

cation. She pushes her students to see dance as an art form and to think about movement in a multidimensional manner.

"I try to inspire them to go deep into their own selves so that they can communicate and express themselves through movement," Byers said. "I utilize a lot of the techniques that are important for research. We work on creativity, on thinking outside the box, on brainstorming, on all of those skills that they will find useful later on. The modern dance program is about generating ideas and incorporating voice and becoming authentic

in the way that they're expressing themselves at the highest professional level."

Byers was asked to serve as the group's artistic

director in 1981 and has held that position ever since. Currently, her daughter assists her in running the program.

"It's been delightful working with all of these brilliant young people," Byers said.

The JHU Modern Dance Company was Hopkins' first dance company.

"Marilyn holds us to a very high standard to live up to the company's impressive history," Black wrote.

Modern dance differs from other dance forms in that it focuses more on freedom and individualism as a means of achieving expression. Byers advocates for pushing boundaries, teaching her students to move in a non-formulaic, democratic manner that forces them to think on their feet.

"Modern dance is like a new language... and each

modern dance individual creates their own language to express ideas and tries to find a universal means of doing that," Byers said.

"It's wonderful that the group I

have now are risk-takers; I think it takes courage to do something new and different and adventurous as opposed to reiterating what you did in high school. To go somewhere new, I think, takes courage."

The ballet program, directed by Lisa Green-Cudek, a dance instructor at Peabody, emphasizes artistic expression in addition to technical development.

"Barre is approached as an opportunity for the dancer to become technically and mentally grounded," the program's website reads.

Green-Cudek places emphasis on technique.

"As someone who was relatively new to ballet, I never felt uncomfortable with my technique. The entire company was very welcoming," sophomore Katie Rubery said.

According to Hopkins Ballet Production Manager Victoria Dawe, the ballet company is open to dancers of all levels.

"It really gives everyone the chance to try ballet and to perform with us. We make sure there are lots of different pieces catered to different levels, and, for example, right now we have some girls that have never done ballet before and some girls that have done ballet their whole lives," Dawe wrote in an email to *The News-Letter*.

The Hopkins Ballet Company has regular meetings outside of the weekly classes. Currently, the Company is working on putting on the second annual performance of *The Nutcracker*.



LEON SANTHAKUMAR/PHOTO EDITOR  
Marilyn Byers heads the modern dance program.

"We've been rehearsing since the first week of class. It's our second year doing [The] *Nutcracker*, and I'm so excited for this year's, because we're bringing in even more guest groups," Dawe wrote.

Rubery is also looking forward to *The Nutcracker*.

"The *Nutcracker* has been a really fun experience because we're getting to replicate a classic holiday show within a group of multitalented dancers," Rubery said.

For several students, dancing at Hopkins has provided an opportunity to both acquaint with lost traditions and explore new interests.

"I kind of joined on a whim but it was honestly one of the best decisions I've ever made," Dawe wrote.

Rubery felt that the dancing program allowed her to learn new techniques, given that she primarily focused on musical theatre and jazz when she was in high school.

"Dancing offers so much to me — it trains me physically, working on strength, flexibility and balance," Black wrote. "Dance is also where I've made some of my best friends at Hopkins... Dance is also my escape — especially when I'm stressing over midterms or labs or just life in general."

Both programs are headed for a busy season; *The Nutcracker* is scheduled to open on Nov. 14 and the Modern Dance Company will soon be showcasing its piece titled *Crazy Eights*.



## NEWS &amp; FEATURES

# Fun Festival at Fells Point draws crowds

By JACQUI NEBER  
For *The News-Letter*

This Saturday, the historic Baltimore neighborhood of Fells Point held its 48th annual October Fun Festival. The festival, which took place on Thames Street, is steeped in tradition.

"Fun-festers may amble about the festival sampling grub, buying stuff and rocking out with your libation in a festival cup," the festival's website states.

The event featured local food and drink, including alcohol offered in trademark orange cups, as well as booths set up by local artisans, non-profit organizations and other vendors.

Four seniors from Loyola University Maryland who experienced the event for the first time on Saturday spoke of its charm.

"We're seniors at Loyola. We've never been here before, but we've always seen pictures," Meaghan Carney said.

"It's good to be downtown. It's a nice area," Christina Pagayunan added. "It's good to take advantage of what [Fells Point] has to offer."

The festival attracted longtime Baltimore residents as well as newcomers. Greg Montross just moved to Baltimore from Washington, D.C. and was experiencing the day for the first time.

"My favorite part [of the festival] is all the people," Montross said. "I'm here with a friend. It's a fun event. It brings life to Fells Point."

Due to the influx of people on Thames Street, its shops and restaurants enjoyed more business, including landmark establishments like Thames Street Oyster House, the Kooper's Tavern and Riptide by the Bay.

Vendors who have been coming to the Fun Festival for years to sell their handmade products often see the same people there year-after-year. Bob Ross works as a vendor selling his own handmade clocks decorated with famous album covers and visuals from musical history.

"My business is 'Tunes.' I make clocks and posters from vintage album covers. [Fun Fest] is great and really helps business. I'm here for a second year. It's good to see people coming back, and it's good sales. My favorite part of the day is just being in Fells Point — I love it here," Ross said. "People come all the way from Manhattan to Fells Point; they come here every year. It's on the water, and you've got kind of a good group here. You've got some happy folk here."

Some of the area's most popular stores bring their

merchandise outside. One such business is The Sound Garden, a record store on Thames Street, which brings vintage CDs, socks, t-shirts and music-themed accessories onto the street to attract more customers.

Marcia Bass, who works for The Sound Garden, said that the festival is beneficial for revenue and helps her connect with potential new customers. The record store has been a landmark in Fells Point since 1993.

"This is part of what we sell, but our main products are CDs and DVDs and vinyl, which is a big market right now. The Fun Festival most definitely draws a lot of business. It's one of our bigger weekends out of the year; we have a pretty good turnout each year. We do a lot of business right here. We get a lot of clientele from all over," Bass said.

Christian Lopez, a Loyola freshman originally from Puerto Rico, was able to experience the festival with friends.

"I went to the Fun Festival because I wanted to get out of my dorm this weekend and see something different," Lopez said. "It was much like an activity back home in that [it] was really traditional. It's a good representation of the Baltimore city and culture. I feel I saw a different side of Baltimore. What stood out to me was the sheer enormity of the activity; it was like five streets long."

Lopez was able to explain the differences between a typical festival in Puerto Rico and his experience in Fells Point on Saturday.

"Back home, it's more about drinking and dancing. Here it's... still about drinking, less about dancing, more social than back home. People actually talk," Lopez said.

Jose Solis, a Hopkins freshman, was very happy to break free from the "Hopkins bubble" and explore a new neighborhood, having already been to the Inner Harbor and Federal Hill.

"I happened to be a part of the whole experience," Solis said. "I wasn't planning on going. It's more like a tornado of nice energy; my friend came and took me away. My overall experience was getting to know another part of Baltimore... The Fun Festival was definitely a way to do that. It was nice to be a part of the city, if only for a few moments. People would ask, 'Are you from around here?' and I would say, 'Yeah, kind of. I'm learning to be.'"

Festival-goers celebrated between noon and 8 p.m.; many carried their celebrations into Sunday.

# SJP hosts *My Name is Rachel Corrie* play

By ANNABEL LYMAN  
Staff Writer

Hopkins Students for Justice in Palestine (HSJP) hosted a performance of *My Name is Rachel Corrie*, a one-woman, one-act play based on the true story of an American who was killed in Palestine. The show took place in the Arellano Theater on Friday.

The play, which was performed by recent Central Connecticut State University graduate Ashley Malloy, details the life of Rachel Corrie, a 23-year-old artist and peace activist from Olympia, Wash. Corrie traveled to the West Bank to join the International Solidarity Movement, a small task force dedicated to defending Palestinian families against Israeli occupation.

In 2003, Corrie was killed acting as a human shield, crushed beneath a bulldozer as she tried to stop a Palestinian family's home from being razed in Rafah, Egypt.

The script is comprised of Corrie's own letters and

diary entries and was edited by actor Alan Rickman.

"I am in awe of [Malloy's] work," Mutasem Al Dmour, HSJP's president, said. "It was humanizing."

Malloy said she was drawn to *My Name is Rachel Corrie* through her converging interests in activism and acting.

Josh Perlstein, the play's director and one of Malloy's professors, introduced her to Palestinian actors from the Freedom Theatre, a West Bank-based organization.

The organization's website states, "[We aim] to empower youth and women in the community and to explore the potential of arts as an important catalyst for social change."

Perlstein said, "[The Freedom Theater's actors] are literally kids who were taken off the streets, who used to be fighters, who would say things like, 'I figure, if I throw a bomb, I'll be dead in a year. If I write a play, I'll be alive in 100 years.'"

After meeting the Freedom Theater actors in

class, Malloy joined Perlstein and two actors from the Freedom Theatre for dinner. Malloy said that hearing their accounts of life in Palestinian refugee camps sparked a desire to spread awareness of their situation through performance.

"That was a pivotal moment for me," Malloy said. "Hearing their stories and knowing that I want to do something with theater to ultimately create social change, I [thought,] 'I have to do something about this,'" Malloy said. "Through doing *Rachel Corrie*, I became more of a Palestinian activist than I had anticipated I would. But once you know what goes on, I don't see how you couldn't be, to be honest."

Malloy began work on *My Name is Rachel Corrie* in May 2013 and has been touring with Perlstein throughout the U.S. since September 2013.

"This tour [started]... at the Occupation Conference in Washington, D.C., where Ashley performed for Rachel's parents, who subsequently asked her

to come out to Olympia... to perform it for the first time on the anniversary of Rachel's death in March of last year," Perlstein said.

Malloy also performed the one-act at the 2013 Rochester Fringe Festival and won a "Best of Fringe" award for her performance.

Malloy and Perlstein give the majority of the proceeds from ticket sales and donations to the Freedom Theatre. According to Perlstein, they have raised about \$3,000 on the tour so far and plan to continue the tour through April 2015.

"Pretty much everywhere we've gone, we've have great people hosting us," Malloy said.

However, Perlstein said that some theaters and colleges have reached out to him to arrange performances of the play only to rescind their interest on vague terms regarding the play's subject matter.

"I think in the long run people are going to try to keep... this story from getting out. It's going to be hard," Perlstein said.

# Convergence connects students with finance industry

By ALBERT HUANG  
For *The News-Letter*

The Career Center has partnered with Convergence, LLC., a financial information company, to offer services for students interested in all aspects of the financial industry.

To streamline the process of looking for jobs online, Convergence's database offers information and insight on hundreds of U.S.-based financial firms, alongside profiles on 14,000 registered investment advisors.

This database, which is only available at four other universities, will offer all full-time Hopkins students access to daily-updated profiles of these companies and their business professionals, accessible through a simple interface.

The database, which sorts companies based on their location, size, assets and number of employees, can give students a fuller picture of each firm's corporate environment as well as a more complete view of industries in which they would like to work.

"[There is] no service out there like this today. [It] will arm students with powerful data points that will differentiate them in an internship, application or job interview," Convergence Co-Founder George Evans said. "One can see direct statistics relating to the internal growth and prospects within a particular firm, such as whether headcount is growing or shrinking. Direct access to contact information enables wide access to opportunities expensive to individually account for, allowing a direct segway to not only more options, but better ones more fitting to one's expectations."

The Convergence database covers over 50 distinct jobs across a variety of fields.

"[The database has] a lot of application [to different fields] — not only to computer engineers, but IT security, because that is going to be a huge aspect, especially dealing with financial security," Sarah Reifer, assistant director and counselor for

the Career Center, said.

The Convergence database was introduced to Hopkins students on Sept. 10 at an event in Hackerman Hall. More than 90 students listened to a tutorial presentation to learn about Convergence's services and how to use the database.

Reifer is also available to teach students how to use the database, which is accessible through J-Connect, the Career Center's online portal.

The Career Center also offers additional resources, such as a glossary of industry acronyms and a document of industry job descriptions, to aid students in interpreting the information available on Convergence.

"[The site] is very searchable. However, given the

wealth of information, you need to know what you're looking at. To make best use of the service, the glossary terms will be especially useful. You can get that [and more] by emailing me or the Career Center," Reifer said.

Evans said that the Convergence database is updated daily with new jobs and information from different firms.

"We are working with career services on the jobs that are in this industry," Evans said. "[The] next step is to map majors to these particular roles and responsibilities. We have also discussed with Career Services aligning coursework with this industry and will eventually look to work directly with professors to embed this data in that coursework."

Evans intends for Convergence to evolve in conjunction with its target audience, which consists of students who are searching for their jobs.

Reifer said that students need to keep their minds open when looking for jobs, because many industries offer positions that students from a wide variety of academic backgrounds could fill.

"Something we in the Career Center talk about all the time is that [a student's] major is a very important part of developing a skill set, but major does not dictate industry," Reifer said. "Students from a variety of majors can pursue careers in a variety of industries. It's all about acquiring and demonstrating skill set... This is a resource to explore those options."

# SGA discusses It's on Us and "WTF"

By TED TAK  
For *The News-Letter*

The Student Government Association (SGA) welcomed its freshman class president and senators at the organization's meeting Tuesday night.

The Executive Board moved on with its report of It's On Us Hopkins and announced that it would draft a plan by Oct. 23. It's On Us is a national project to promote men's activism against sexual assault. The SGA's contribution to the microcosm of this campaign at Hopkins will include a public service video. University President Ronald J. Daniels agreed to be in the video.

Members of other committees gave their reports on current improvements to Hopkins. The members said that they had been in touch with campus dining services and tried to make sure that recent posts on "WTF Hopkins," the SGA's virtual feedback collection system on Facebook, were addressed. Specifically, students complained about vague or absent allergy labels on Hopkins-catered foods.

The senior class council

has proposed an increase to credit awards for internships, which currently only yield one credit, while research courses are valued at three credits.

SGA Members also noted the success of the newly opened Bamboo Café in the Mattin Center. "In the first day, sales tripled [expectations]," Kyra Toomre, executive vice president, said.

New members were elected to the Whiting School Curriculum Committee, including junior Aaron Lerner and sophomores Samantha Wang and Miguel Dias. The members agreed that all candidates were very qualified and approved unanimously to elect all candidates to the committee.

The members additionally proposed events for Blue Jay Pride Week. They suggested that the respective graduating classes pair up for events. The freshman and juniors would host a pizza giveaway for Hopkins related apparel on Nov. 13 in front of Gilman Hall, and the sophomores and seniors would host a dessert giveaway on Nov. 14 for Hopkins spirit wear.

Will Szymanski, the executive treasurer, recommended working with professional film production groups, the Commencement Office and groups on campus to film the events and encourage students to participate in campus events. The SGA is also pursuing partnerships with the Admissions Office to use these publications for future admissions-related media. The SGA members motioned to move the issue to an ad hoc committee.

The SGA also continued to push for higher attendance at Hopkins athletic contests. The members suggested a bill that would allow hot chocolate and apple cider to be served at games as well as the usual beverages, starting with the football game on Nov. 15. For half-time events, the members suggested that they would ask the entertainment groups on campus to perform.

The SGA finished with a discussion of the creation of class banners at events to inform participants of the events' sponsorship.

"Classes should personally elect this bill," Janice Bonsu, executive president, said.



COURTESY OF JACQUI NEBER

Large crowds flock to vendors at the annual Fells Point Fun Festival.



## NEWS &amp; FEATURES

# VFC, CBR clash in abortion protests

**PROTEST, FROM A1**  
abortion hurts women and their pre-born children, and that we must end... abortion on demand."

In an email to *The News-Letter*, VFC President Vinitha Kumar wrote that she thought the GAP display was triggering and offensive.

"As a pro-choicer, I believe in debate, and healthy discussions over these controversial issues. This display allowed no room for that," Kumar wrote. "All the content was based on emotional appeal and fear mongering."

The VFC members who were running the 1 in 3 Campaign display brought their materials, including free condoms and pamphlets with contact information for campus, local and national organizations that offer counseling services and information about abortion, to their counter-protest on N. Charles Street.

"We diverted the resources we had as soon as we heard about [the GAP display]," Kumar wrote. "We advocated for safety, not stigma. This counter-protest was a peaceful protest across the street. We received good feedback from students as well as relief from many students that we were there."

VFC had only planned to host the 1 in 3 Campaign, which was founded in 2011 by Washington, D.C.-based non-profit Advocates For Youth and is designed to spread awareness about the statistic that one in three women will have an abortion in her lifetime.

"The 1 in 3 Campaign is a grassroots movement to start a new conversation about abortion — telling our stories, on our own terms," the campaign's website states. "Together, we can end the stigma and shame women are made to feel about abortion. As we share our stories we begin to build a culture of compassion, empathy and support for access to basic health care."

In addition to the list of educational and counseling resources, the MSE display also featured materials sent from the national campaign, which encourages women who have had abortions to feel comfortable discussing their experiences.

"Women should feel comfortable sharing their story — if they want — without fearing judgment from their audience," Kumar wrote. "We hope to make sure students know that abortions are more common than they think and safe reproductive health care is a priority."

Because abortion is a sensitive topic, VFC put posters around the library of a "Trigger Warning" so that students who might feel offended can avoid the Q-level of the library during those times the campaign is active.

VFC has emphasized that they do not try to force others to do adopt their beliefs.

"We are not here to tell students what is best for them, we are here to provide resources to students and have thoughtful discussions," the Facebook event page for VFC's 1 in 3 Campaign display states.

Sue Waterman, who works in MSE as a library

guide, said she had no complaints about the content of the VFC display.

"It's something I used to see in college years and years ago," Waterman said. "It's an informational display for women, and I think it's perfectly legitimate."

Isabelle Kargon, a library assistant and graduate student, said she was pleased that MSE was hosting an event that provided information on abortions.

"I'm glad we're doing that campaign," Kargon said. "Personally, I believe that women should have a choice, and good information would prevent many unwanted pregnancies and many abortions, which is always a heavy decision to make," Kargon said.

Although Darnel said he had not seen the VFC display, he was familiar with the message of the national campaign.

"Pointing out how many people have had the abortions... might change people's perception of it," Darnel said. "Ultimately, I do not believe it to be a justifiable reason because if a million people believe a wrong thing is right, it's still a wrong thing."

Kumar wrote that she would be interested in hosting the 1 in 3 Campaign again and that VFC will continue to plan events to share information about abortion.

"I think it's great to have continuity and to keep reducing the stigma," Kumar wrote.

# SASH kicks off fall semester with Class Bash

By **JORDYN GREENBLATT**  
For *The News-Letter*

On Saturday, the South Asian Students at Hopkins (SASH) hosted their first major event of the fall semester, the SASH Class Bash. The event consisted of small competitions to promote competition between the freshman, sophomore, junior and senior classes.

"This is our first big event of the semester," SASH Vice President Saranga Arora said. "Our goal is to unite the classes with competition. It shows freshmen how to get to know the upper-classmen."

"It is a happy, fun day where classes will fight it out with each other to see who's the best," Freshman Representative Anwesha Dubey said.

Festive music was blasting at the event. There was also plenty of food dishes and drinks atop the picnic tables. All the food was prepared specifically for this event.

The members prepared a plethora of cultural dishes, including pani puri, which was set aside specifically for the Class Bash's famous "Pani Puri-Eating Contest."

"Pani puri is a shell that you put water in. We don't get to eat that type of stuff while we are here," Arora said, explaining the snack, which is popular in several parts of Southeast Asia.

Many of the members couldn't wait and dug into the dishes within minutes.

For this event, each class was assigned a color — freshmen wore red, sophomores green,

juniors blue and seniors black. SASH organized various competitions including dodgeball, three-legged races, egg-on-a-spoon races, tug-of-war and the pani puri-eating contest.

The bash began with members tossing a nerf football around.

"SASH basically wants to promote and extend Indian culture throughout Hopkins," Dubey said.

"[We are] the South Asian group. We tried to bring together the Indian culture at Hopkins," Arora said. "Whether it is through food, dance or events, we are basically the overarching group that helps all of the other cultural groups with their events."

A little later on, the group began warming up for the main competition by throwing a Frisbee around.

"We have a bowling trip soon and a Bali Festival," Dubey said. "We try to do many different things to inform people

about the culture. It's amazing because it is different within all of the different countries."

SASH puts together many different events to showcase the specific cultures that they represent and want to show to the Hopkins community.

Each class put up a great fight throughout the day's activities, but in the end, the junior class prevailed. They were named the SASH Class Bash 2014 Champions. The freshmen class followed in a close second place, sophomores trailed in third place and the seniors claimed fourth place.

"SASH Class Bash is one of my favorite events because it's a fantastic opportunity for students from each of the classes to get to know each other and bond through the spirit of competition," SASH President Rohit Iyer said. "I was glad to see that despite impending midterms, we had a great turnout, especially

from the freshmen, and everyone had a great time!"

Iyer was extremely pleased with the way the event fared and with how hard his fellow SASH members worked to pull this, along with many other events, off so smoothly.

"This is my first year as SASH president, and though it's a lot of responsibility, this year's SASH board members have all been exceptional, especially our Vice President Saranga," Iyer said. "I'm really grateful for their support. We've had a good start to this semester, and we have a lot more great events planned for the rest of the year."

Iyer was especially proud of the SASH Class Bash planning committee for putting together what he considered a fun and well-executed event.

"Also, special thanks to our SASH Class Bash planning committee for doing such a phenomenal job planning this event," Iyer said.



IVANA SU/PHOTOGRAPHY EDITOR

The teams played games including dodgeball, egg-on-a spoon racing and tug-of-war at the Class Bash.

# New Political Society hosts Robert Johnson as second speaker

By **ABBY BIESMAN**  
Staff Writer

The New Political Society continued its lecture series with Robert Johnson on Tuesday. The club, which was formed in the spring of 2014, is designed to expose students to new thoughts.

"It was just kind of an idea, that [after] speaking to a lot of students in my classes and friends and professors, we wanted to make a group that brought a different set of ideas to campus," President Sarallah Salehi, a junior, said. "Given that we are in a university, and a university is a place where you are supposed to embrace new ideas and expose yourself to different sets of thought... We kind of thought we'd want to bring that and embrace that aura and further that mission."

The New Political Society aims to bring speakers that discuss topics beyond the scope of college life.

"We want to have more dynamic conversations that relate not only to us, but also our community at large," Dikshant Malla, the club's public outreach officer, said. "Last week, we had

a Marxist economist."

According to Vice President junior Avi Posen, the club tries to invite a wide variety of speakers.

"There is no connection between our speakers thematically or topically. However, all of our guests are alike in that they each bring deeply novel and intellectual analysis of our existing problems, while also suggesting solutions," Posen said.

Posen also commented on how the group met Johnson.

"Our organization met Dr. Johnson last semester while he was being interviewed at the *Real News Network* in downtown Baltimore, and we were all mesmerized by his incredible depth of knowledge," Posen said.

Johnson is currently the president of the Institute for New Economic Thinking, which attempts to find innovative solutions to current economic problems.

"[The] Institute for New Economic Thinking... does fantastic research on the economic problems of our time, particularly on the Eurozone crisis," Posen said. "Dr. Johnson has also oc-

cupied so many realms of economic and political power, from important hedge funds to UN commissions, that he certainly can give an enlightened perspective from within the power structure, and, with his Institute, from without."

Johnson served on the United Nations Commission of Experts on International Monetary Reform, and he was a Managing Director at Soros Fund Management, where he focused on emerging markets, as well as a Managing Director of Bankers Trust company. Johnson also served as the Chief Economist of the U.S. Senate Banking Committee, as well as the Senior Economist of the US Senate Budget Committee. His documentary, *Taxi to the Dark Side*, won Johnson an Oscar. He has also served as President of the National Scholastic Chess Foundation.

Dr. Johnson received a B.S. in Electrical Engineering and Economics from the Massachusetts Institute of Technology. He received a Ph.D. and an M.A. in Economics from Princeton University.

"Robert Johnson is a very prominent figure in the economics field... He was behind one of the most pivotal financial events in the last century, crashing the Bank of England. He works with the most prominent economists, [including] Joseph Stiglitz and John Faust here at Johns Hopkins," Salehi said.

Johnson discussed many ideas about how the economic system can be improved. According to Johnson, the realm of ideas, the financial system and the government decision-making process need reform. He made it clear that repairing the economy is difficult when no one believes in today's unfettered markets, in the government or in the experts.

"He talks about a lot of thing things that are very salient in the field," Salehi said. "A lot of people are doing research on the types of ideas he is talking about, like the dynamic instability of the economic system, specifically the financial framework and the set of legal statutes that are in place."

Johnson said that there is a pretense of false precision, in which experts are attempting to quantify things that are simple. Economists, he said, are good at portraying the illusion of efficiency. Financiers are sometimes paid to market their ideas more than they are paid to apply their skills.

"[The economy is] kind of built on this false sense that everything is coherent and very rigid and structural when in reality, that's not how it is. It's not a kind of a nice square box... People want a sense of comfort and a sense of order. He talked about the yearning for order, and people want to feel like there is a system that's bound by a sense of physical laws, and that's not how it really is. It's built on

human constructed norms and ideas," Salehi said.

Johnson discussed how the government and the economy are intertwined. He said that some of the state's failures arise from the deterioration of enforcement, the opportunity cost of doing good and fear of bailouts in the legislature. Large-scale enterprise can dominate democracy, which can make governments ineffective.

"He takes a much more abstract approach to the fact that we've had poor economic growth. First of all, he talked about wealth inequality and the fact that this derives from this kind of system where we put a lot of power into the hands of a small group of people... They are able to use that to their advantage. They are going to use their money to implement policies and rules that favor them," Salehi said.

Abby Annear, a freshman majoring in economics, reacted positively to Johnson's talk.

"I greatly appreciated Dr. Johnson's emphasis on the multidisciplinary scope of economics in today's world. While he did discuss the particular economic quandaries and failures that resulted in a slow American recovery, Dr. Johnson focused more on the need to broaden the academic approach to economic analysis to remedy the flawed system, through sociology, behavioral sciences and even classics," Annear said.



## NEWS &amp; FEATURES

# Volunteers connect with local homeless Bon Appétit opens

## café in Mattin Center

By **SABRINA WANG**  
For *The News-Letter*

The third annual Project Homeless Connect (PHC) event drew more than 175 University affiliates to help Baltimore's homeless population access legal, health and educational services at the Baltimore Convention Center on Oct. 2.

Around 2,000 homeless people received services, including dental care, legalization documents, employment, housing and nutritional education, according to Scott Gottbreht, PHC's project manager.

Gottbreht also teaches "B'More: Homelessness," an intercession course for freshmen at Hopkins.

"[PHC hosted] approximately half the homeless population; however, 'homelessness' is a frustrating definition," Gottbreht said. "The most reportable definition describes people on the streets or staying in shelters, but it discounts many people staying in abandoned buildings or in houses of their friends."

Gottbreht and his team, with support from United Way of Central Maryland and the Baltimore City Mayor's Office of Human Services, began planning this year's event last October. The first PHC event was held in San Francisco in 2004. Designated as a national best practice model by the U.S. Interagency

Council on Homelessness (USICH), PHC events have since been held over 300 cities nationwide.

"The most impactful thing about Project Homeless Connect is the 'connect,'" Gottbreht said. "It's when the guide meets the participant. Homeless people are used to being shunned, even feared. And so when the guide puts aside one day just for the participant, it's eye opening. The guide is walking a mile in the participant's shoes — literally."

Gottbreht also said the direct interactions with homeless Baltimoreans provided an impactful volunteer experience.

"It's very personal and hands-on," Gottbreht said. "For guides to be part of that is very powerful — you're giving a person a photo ID, a foot wash, a tooth extraction."

Sophomore Lauren Altus attended the event as part of a midterm community outreach requirement for "Baltimore and The Wire," a Public Health Studies course. She was paired with an individual who received health care and a social security card.

"I think it's our duty as

students at this school to go and help the citizens of Baltimore," Altus said. "Johns Hopkins is full of young kids who are trying to make a difference in the world, who are so eager to get out there. I recommend [PHC] as a way for anyone to get involved with the community and do some service."

**"I think it's our duty as students at this school to go and help the citizens of Baltimore."**

—LAUREN ALTUS,  
SOPHOMORE

mobile dental units, this year's event provided a more comprehensive range of dental services, including free tooth extractions. About 105 patients were serviced.

Additionally, homeless attendees were able to apply for subsidized housing under Section 8 of the Housing Act for the first time in 11 years. Prior to this year's PHC, applications had been closed due to high demand.

This year's event also featured a live job search lab, where volunteers helped participants create a résumé and search for jobs.

Gottbreht said that about 500 children received donated supplies.

"Children are a priority — families are the fast-

est growing demographic with far-reaching implications," Gottbreht said.

Other non-profit organizations, including Advocates for Children and Youth (ACY), Hope Forward and Maryland Hunger Solutions, also took part in providing services and information to attendees.

Michele Burton, a community health engagement policy associate for ACY, said that former foster care children or siblings of foster care children are eligible for free college or vocational training and possibly for free health care. She said that PHC provides a great platform to share this information with people who need it most.

"What's most meaningful is making connections to other agencies you don't normally see and meeting people," Burton said. "I share information about this, but it's hard to get that information all over the state."

Shalita O'Neale, founder and executive director of Hope Forward, which assists youths aged 17-25 who used to be in the foster care system, attended the event to share information about her organization's work as well.

"It means a lot to us because [we're] alumni of foster care, so we know what it's like [to live in foster care] and we want to give back," O'Neale said.

BAMBOO, FROM A1

senior Norah Oles said. "At least it's better than Silk Road. My friend got food poisoning there."

Other students said they felt the café's offerings were too limited.

"The beef banh mi and bubble tea were good, but there [were] not a lot of menu options," freshman Monica Zewdie said. "It was basically the same as [One Bowl at] Levering."

Although some of the café's offerings can be found at other campus eateries, Bamboo Café is the only place to buy pho, banh mi and bao.

"The flavors were different from One Bowl. If I want a hearty soup, I am going here," graduate student Tarek Tutunji said. "The pho is good, spicy too. I guess I would recommend it."

High prices was another general complaint among patrons.

"It was overpriced, like everything on campus," Oles said. "I paid like ten bucks for pork bao and a seaweed salad."

One major difference between Bamboo Café and Silk Road is that Bamboo accepts dining dollars because it is owned by campus dining provider Bon Appétit.

"By offering Bon Appétit the opportunity to open Bamboo Café, we essentially were able to achieve

a twofold objective: offer students great-tasting food and increase locations that accept dining dollars," Connor wrote.

Bon Appétit's decision to open another Asian eatery on campus was due in large part to the success of One Bowl, which offers noodle and rice bowls.

"The popularity of One Bowl... did inspire us to create a new destination that could provide additional pan-Asian-inspired items," Ty Paup, Bon Appétit's general manager, wrote in an email to *The News-Letter*. "Our offerings at One Bowl are consistently our most popular amongst the Hopkins community."

There were also some logistical reasons to open another Asian eatery.

"The opportunity to move our sushi production from Levering was a welcome one, doubling both the customer service area and the kitchen area and hopefully enhancing the customer experience at One Bowl, which is very popular," Paup wrote.

Bon Appétit designed the café to be conducive to studying and socializing.

"Hopkins Dining and Bon Appétit wanted to enliven the space... with new indoor seating options that can be moved around," Connors said.

Silk Road did not renegotiate its contract with Hopkins after last year.

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## NEWS &amp; FEATURES

## New consent law sparks conflicting responses

CONSENT, FROM A1

engage in the specific act, which cannot be inferred from the absence of a 'no,' the policy states.

Nationwide, the new law has received strong support from groups that advocate for sexual assault survivors in addition to feminist organizations.

However, critics of the bill have responded by saying the legalization of sexual consent is impractical.

Political Science Professor Emeritus Joel Grossman said that he thinks there will be issues with applying affirmative consent in investigations, because it may infringe upon an individual's constitutional rights. Grossman pointed out that suspects are still considered innocent until proven guilty.

"The problem still remains... of the burden of proof on the prosecution," Grossman said. "Of course it'll be popular for elections, but whether the law will be effective — that's another question."

Hopkins students also shared mixed perspectives on the new law. Some students said they felt that affirmative consent policies should be practiced on more college campuses across the country.

"The campaign is definitely a step in the right direction because it's trying to de-blur the lines in terms of legal proceedings that go on," sophomore Sara Shah said. "So often, issues of sexual assault come down to his word against hers. Hopefully, with this law, it will clear up some of the stigma surrounding the legal proceedings."

Other students said that although the purpose of the law can be considered valid, the actual implementation of the law, as can be read in the "Yes Means Yes" bill, will likely prove to be impractical.

"It's a good idea but a little too difficult to put into practice and actually prove," sophomore Michael Guo said. "I think the law is somewhat unnecessary in that people should just be responsible about sexual consent in general. There should just be a general social [expectation] for people to continually ask for consent along the way."

In Maryland, the current laws for sexual assault have less stringent definitions, especially those that relate to college campuses.

The Maryland law states that there are four degrees of sexual offense: forceful or forced sexual encounters; engaging in a sexual act with a mentally defective, physically helpless or underage individual; sexual acts under the threat of dangerous weapons or serious infliction of harm; and sexual acts committed by an individual in a position of authority with regard to the minor. However, none of these clauses clearly define sexual consent.

## I.D.E.A.L. Club aims to inform voters

I.D.E.A.L., FROM A1

that is going to change the way that we look [at] and discuss politics," Haviv said.

Sophomore Jonathan Loewenberg, the club's vice president, said that the club hopes to spark a movement of political debate on campus that isn't directly linked to established political institutions.

"I really thought [Haviv's] idea was a really good one because there aren't that many forums for discussion here on campus akin to what we're trying to accomplish," Loewenberg said. "You can go to College Republicans or you can go to College Democrats, but there's really kind of an inherent bias in the discussions that are going on in all those places. So I think it's a really interesting and genuine idea to have an informed discussion that's free from all those kinds of biases."

At each meeting, the club will discuss two current political issues. The Hopkins chapter will also correspond with Haviv's own high school's chapter as well as two other chapters at Niskayuna High School in New York and McLean High School in Virginia.

Members will have to bring in articles that back up their point of view on the discussion topics.

"We are going to bring in articles — five different sources — and try to get as many different biases and points as we can," Haviv said. "We have to approach it as 'why is what they're saying so important to them?'"

Haviv also emphasized the importance of respecting others' opinions.

"When we talk about heated issues, people are going to have really strong opinions. Those are the discussions we really want to have," Haviv said. "But we need to remember that we are talking with a purpose, not just yelling at people, and that we're not simply defending our own ideas but learning from others."

At the club's Oct. 2 meeting, Haviv brought up terrorist group ISIS's beheadings of journalists Steven Sotloff and Jim Foley, showing non-violent video clips and portions of President Obama's address after Foley's murder.

"We're starting off with [the video] because I want to know what you guys think," Haviv said. "What do we do about this? This is what this forum is. It's looking at things like that and saying: How do we approach it? What are we doing? What are we not doing?"

Haviv said that the best way to approach the issues is by creating a safe and "I.D.E.A.L." environment in which to discuss them.

"We're going to do our best when we enter to strip ourselves of political ideology and the predispositions, thoughts and feelings we have, which is not easy to do," Haviv said. "Everyone is born somewhere and has a different background and has all these different opinions for a reason. But the only way that we can try to work toward something

is if we separate ourselves from that."

Haviv then questioned how attendees felt about the Electoral College system used to elect American presidents. No one in attendance raised his or her hand in support of it.

**"It astounded me that seven guys, age 17, could talk about religion without animosity or hatred."**

**- LIAM HAVIV, I.D.E.A.L. VOTING CLUB PRESIDENT**

end up with places like the Deep South where there are huge collections of minorities that are not voting because they know they're not going to win in a state that is going to go Republican."

Haviv also shared his views on why it is important to be knowledgeable about political issues before voting.

"Every candidate has an agenda. Every party backing a candidate has an agenda. When we allow ourselves to stop looking at what they actually stand for, we get swept into their agenda, and we vote for things that we might not necessarily know about," Haviv said.

"That [response] was pretty much what we were predicting," Haviv said. "[The Electoral College] disenfranchises so many people. Half the country, actually, loses a say. You

Haviv gained the inspiration for the I.D.E.A.L. Voting Club while working in Washington, D.C. as a congressional page for former Sen. Jon Kyl (R-AZ). He worked in the Senate during the first semester of his junior year of high school and lived in a dormitory with fellow pages. Despite working long hours on Capitol Hill, the pages made time to discuss political issues with each other every night.

"It astounded me that seven guys, age 17, could talk about religion without animosity or hatred. That really struck me," Haviv said.

When Haviv returned to his high school, he felt that his peers lacked an understanding of the world around them.

"[I felt] like I was seeing high school from a bird's eye view. Suddenly, gossip seemed so trivial," Haviv said. "We get trapped in these cycles of 'What is he wearing? What is she wearing?' and we forget that the whole world is going on outside of us."

Haviv kicked off the first I.D.E.A.L. Voting Club in October 2012, just before the presidential election. He led several informed discussions on a variety of topics, from the platforms of President Obama, Gov. Romney, the Green Party and the Libertarian Party, to the September 2012 attack on the U.S. consulate in Benghazi. The day before the national presidential election, the club hosted a mock election.

## CSE error causes reset of freshman ballot

ELECTION, FROM A1

that had been previously cast were voided.

"I would have preferred them to simply have added the names as soon as they noticed the glitch, or looked at the data from voting afterwards to see if it caused that large of a gap in votes, and then find a way to account for them either through a runoff election or some other method," Berman wrote.

After the new ballot was posted, presidential candidate Sarah Harrison was listed as a senatorial candidate. Instead of resetting the election again, the CSE corrected the error quickly.

"I think the CSE handled it professionally," Harrison wrote in an email to *The News-Letter*. "They emailed me back with a satisfactory explanation. In the end, they... counted write-in presidential votes that were cast before the glitch was fixed."

Overall, some candidates said their experiences with the campaign process and the SGA were positive.

"I'm constantly in 'orientation mode' in the sense that I want to sit down next to random freshmen and get to know them every day, [and] the election has given me a chance to do that," Woll said.

Annear, who ran with Woll on a common ticket, echoed this sentiment.

"Regardless of the election results today, I got the

opportunity to meet so many more people that I may not have gotten to know otherwise... particularly within my coalition [of candidates on the same ticket]," Annear wrote.

Berman wrote that she was also impressed with the standing SGA.

"I thought that they were doing a lot of really good work that would greatly benefit the Hopkins community," Berman wrote. "I understand there are current concerns about how responsive the SGA is to students, but I heard a real interest from [SGA] members to solve that."

Jason Dealessi, a senatorial candidate, wrote in an email to *The News-Letter* that he wanted to run for an SGA position to hear the opinions of his classmates.

"I ran for SGA Senator because I was involved with student government in high school and heard that Hopkins provided students with more freedom to make decisions and to lead in student government," Dealessi wrote.

Other candidates ran with specific issues in mind that they wanted to address through SGA membership.

"Whether I win or lose, I will want to facilitate a change in the school's response to sexual assault allegations and an increased transparency in where our tuition is actually going," Harrison wrote.

## Climatologist gives talk on environmental aerosols



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

Climatologist Lorraine Remer of NASA spoke about the confluence of aerosols and climate change.

By WILL ANDERSON  
Staff Writer

The Earth & Planetary Sciences Department hosted climatologist and aerosol specialist Lorraine Remer of the NASA Goddard Space Flight Center on Thursday. The Bromery lecture, held in Olin Hall, was titled, "Aerosols and Climate Forcing: New Thoughts, Future Direction," and focused on how aerosols contribute to the global heating and cooling cycle.

According to Remer, some aerosols cool the atmosphere, while others warm it, making it impossible to lump all aerosols into one category based on their impact on Earth's climate.

"Aerosols are traced clearly to industrial human activity. Aerosols are a much more complicated problem than greenhouse gases," Remer said.

She discussed a variety of aerosols, such as dust, smoke, and soot from volcanic eruptions. Dark and light aerosols

affect the atmosphere in different ways. Light aerosols act like clouds, Remer explained, reflecting incoming solar radiation as a result of high albedo, which is the amount of radiation that a body reflects. Dark aerosols can absorb more solar radiation, leading to more warming. When mixed with different types of clouds, the effects can be unexpected and complex.

One point that Remer discussed was the connection between the amount of clouds and the amount of aerosol particulates in the air. A small change in the amount of aerosols in the atmosphere can cause the composition, color and albedo, or reflectivity, of the clouds to change. Aerosols can both destroy clouds, such as by introducing smoke into them, or they can create particulates that the water vapor clings to, forming clouds. It is often hard to tell whether an increase in aerosols will destroy or create clouds, according to Remer.

As environmental laws become stricter and pollution decreases, the amount of aerosols in the atmosphere are rapidly decreasing, given that they stay in the atmosphere for a short amount of time.

"Aerosols are both increasing and decreasing," Remer said. "Particles are significantly decreasing across the United States. We have never lived in a cleaner environment."

Even though one would think that decreasing aerosols in the atmosphere is always a good option, there are some benefits of having increased aerosol levels. Respiratory diseases are decreasing across the developed world as air quality restrictions are tightened. However, as human health increases, the earth is losing some of its most powerful reflectors and is therefore absorbing more solar radiation through the darker colored oceans and lands.

Remer and her team have found that the

cloud fraction, or the amount of clouds in the atmosphere, has decreased significantly over parts of the U.S. in the last 40 years. The albedo of the U.S. has decreased 15 to 20 percent in the last decade because of the decreasing cloud fraction caused by the decrease of human-produced aerosols in the atmosphere.

Remer was quick to point out that while the decrease of aerosols may be helping global warming, it is not a bad thing that aerosol levels are decreasing. The better air quality is visible from a wide range of locations, including the mountain peaks and the tops of the skyscrapers in Los Angeles. Fewer people are getting ill from respiratory diseases, and the atmosphere is cleaner now than it ever has been before.

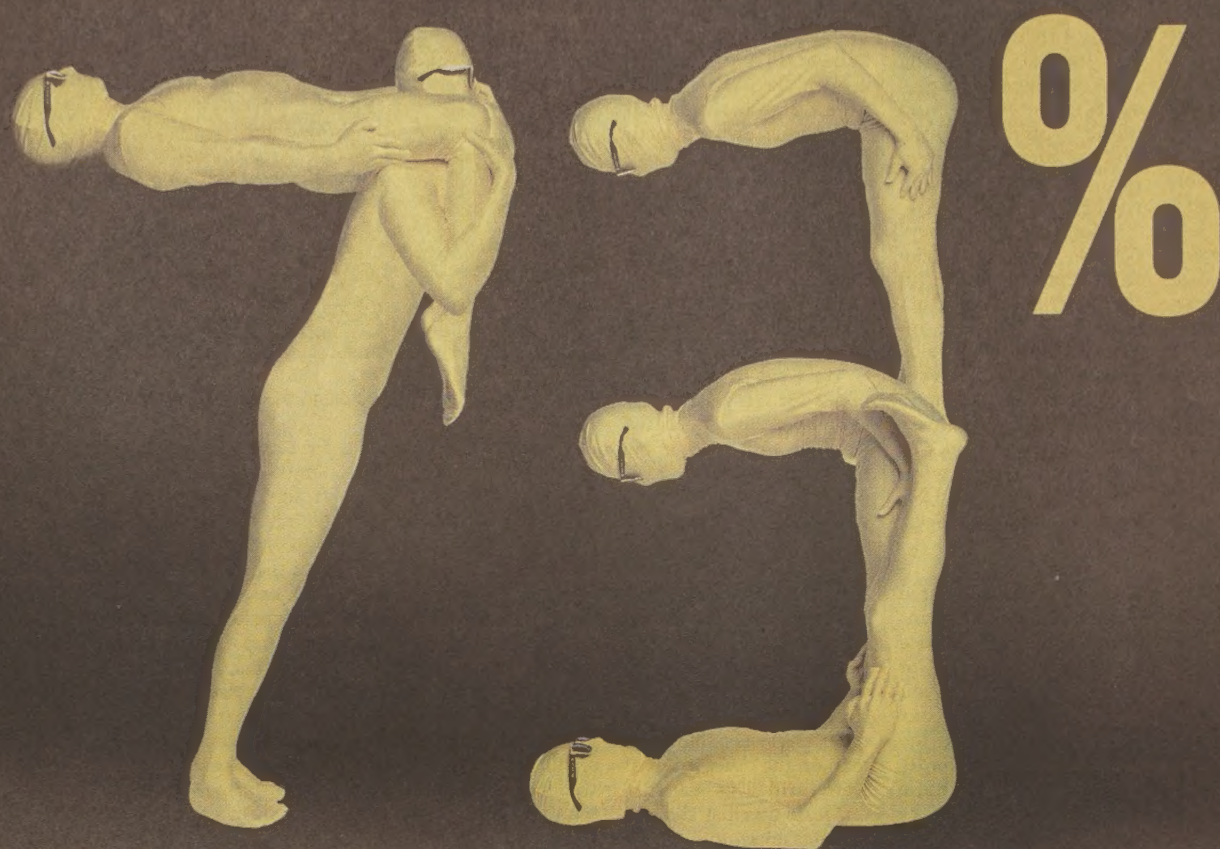
Remer cautioned that the results were preliminary and far from conclusive.

"The associations are so strong [we cannot overlook them]," Remer said.

The conclusion she reached was that the events of global warming are decreasing cloud formation. Cleaning up the atmosphere may lead to an increased rate of warming, and greenhouse gases are a much simpler matter to explain than the complicated problem of aerosols, whose global levels can be radically shifted by something as trivial as a volcanic eruption in Iceland. Aerosols are a complex problem that are only now being studied by the leading scientists in the field of climatology.



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HIP HOP

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# Tips to stop the freshman plague

Alright freshmen, listen up. This plague that's been going around? That's gotta stop. I understand that there's the whole thing about how we've all come from different places with different viruses and we're spreading them around and blah blah science speak. And that's probably true, but it's also because some of us seem to lack the etiquette and personal hygiene that should be common sense by now. So here are ten things you should already be doing to prevent spreading disease:

1. Cover your mouth when you cough or sneeze.

Why are you not already doing this? We all breathe the same air, so just because you aren't coughing directly into someone's mouth, that doesn't mean they're not picking up on the germs. Yes, I'm talking to you, Guy Who Sat Next to Me in Calc Lecture the other day. Cough into your elbow, too, not your hand, which brings me to my next point.

2. Be careful of what you touch.

Communal living is kind of gross when you think about it. There are so many things that you and your roommate both touch on a daily basis, such as doorknobs, light switches, microwaves, etc. If you're sick, try not to touch these things with your bare hands if you can help it. And if you can't...

3. Wash your hands.

A lot. Like I said, you touch a lot of things. The door to the FFC? We all touch that. That's a lot of germs going around. Wash your hands before you eat, for sure, and definitely after you blow your nose. Just washing your hands can help prevent you from getting other people sick, and it can prevent you from getting sick in the first place.

4. Drink lots of water.

I'm sure there is a lot of science behind why you should drink water when you're sick, but I'm a Writing Seminars major, and this is just something my mom told me.

5. Medicine is okay.

You can take Advil/Tylenol/Ibuprofen/your drug of choice. You can take nasal decongestants and cough drops and Alka Seltzers. That's totally fine. You're not a drug addict for taking a few pills. If it goes against your personal philosophies, that's fine when you're at home. But when you're here and you share a living space with someone else, be respectful and try to get better faster.

6. Sleep.

Sleeping is good. Sleeping is bae.

7. Go to HelWell.

Yeah, it's really far. And no, I've never actually been there. But I mean, figuring out how to get there in your ill state of mind is preferable to dy-

ing, so, there's that.

8. Don't be an idiot.

Science shows that not being an idiot is 100 percent more effective against colds and the flu than being an idiot is. Symptoms of being an idiot include, but are not limited to: saying rude or offensive things, spitting on the ground while you're walking and making fun of people for sitting alone in the FFC.

Okay, not doing these things won't stop you from getting sick. But they will stop you from making sick people angry. Because when sick people get angry at you, they start to cough. A lot. And they'll get closer and closer and closer to your face until you wonder what air was like before it was wrought with germs.

9. Take it easy.

Don't commit to three club meetings and an intramural soccer practice while you're sick. Not only will you spread your illness to the participants of these extracurriculars, but you'll also drive yourself mad. Because being sick can drive you mad. So just do yourself and everyone else a favor and just rest for a while.

10. If you're really sick, stay home.

Your health is more important than your studies, so if you're really ill, don't go to class. You probably need the rest, and nobody else really wants you in class if you're that sick anyway.

There you go. Those are my 10 best tips for how not to spread sickness. I don't know why you are not already doing these things, but hopefully this will help you.

The next time you sneeze without covering your mouth, just remember the consequences of your actions. Cover your mouth, and help stop the freshman plague of 2014.

Gillian  
Lelchuk  
Fresh Eyes

# Gourmet gals underwhelmed by local Thai

You haven't been to Thai Restaurant? It's the best Thai near campus — or so a fellow food fiend told us. And after that, we heard about Thai Restaurant everywhere — friends picking up takeout, an Instagram post and then another taking over our feeds. Why had no one bothered to clue us in sooner? And the place is Zagat-rated. Upon hearing all of this, and as devoted foodies of Charles Village, we knew it was unacceptable that we hadn't yet been. We bumped Thai Restaurant to the top of our list, letting it glide VIP-style past places like Birroteca and Parts and Labor that have long been waiting in line.

We went in with high hopes for Aroy Pad Thai and more. So maybe we went in with over-ambitious expectations. But we were, reluctantly, underwhelmed. We decided to stick to our typical Thai favorites: Pad Thai, Pad See Ew, drunken noodles and Thai fried rice. We added on beef satay as well as steamed spring rolls (we were hungry, to say the least). After placing our order to a sweet-sounding man on the other line, we were thrilled to hear that our feast was just 15 short minutes away.

We hopped in the car and drove about two minutes towards 33rd Street and Greenmount Avenue, stopping for gas before seeking out the restaurant that was supposedly across the street. While filling up our tank, we looked for 3316 Greenmount Ave. But, we couldn't spot it — they weren't kidding when they said it was a hidden gem. We decided to call the nice man who'd taken our order, and he explained that his Thai palace was just a few storefronts down from King's Fried Chicken. As we were about to pull out from the gas station, we got a call from the nice man at the restaurant.

He was concerned that we hadn't made it there yet and wanted to check that we were all right. We made a beeline for the place and there, hidden behind two huge trees, was the one and only Thai



COURTESY OF SOON KOON VIA FLICKR

Notice the lime in the Pad Thai pictured above? That's how the dish should be served, Thai Restaurant.

Restaurant. Once you find it, you can't miss it, identifiable by a big sign that reads: "Thai Restaurant Fine Cuisine" in oneshiny plastic lettering.

Upon opening the door, we found the restaurant empty and the man waiting for us with our two take out bags in hand. "Pick up?" That's us! We grabbed our bags, making significant dents in our wallet in the process, and we were on our way. On the way out, we noticed a 2014 Zagat Guide plaque on the wall rating the

restaurant a 24 (on its 30 scale) with a blurb that read, "You really get your money's worth at this pleasant little surprise in Charles Village." With that, and the delicious smell filling the car, we made it home in approximately 60 seconds and were at the table with forks in hand 30 seconds after that (but not forgetting napkins on our laps, of course).

Traditionalists, we started the meal with our appetizers. The steamed spring rolls were lettuce wraps filled with vegetables and drenched in sweet and sour sauce. Though we're not fans of our food sloshing around

in sauce, the taste was tangy and the vegetables fresh. The beef satay ended up tasting more like beef jerky, not to mention the toll its chewiness took on our dental work. The smokey peanut sauce made up for the texture somewhat, but not enough for us to finish the skewers. Disheartened but still hopeful, we moved along to our entrees.

We started with the Pad Thai, which had all of the

Alex Barbera &  
Georgina Rupp  
The PhenomNOMS

typical ingredients — rice stick noodles fried with bean sprouts, egg and

Thai spices. But, much to our dismay, there was no slice of lime! There's no doubt the dish was good, but given our high expectations (and the number of different Pad Thais we've tried in our 21 years) we were not blown away.

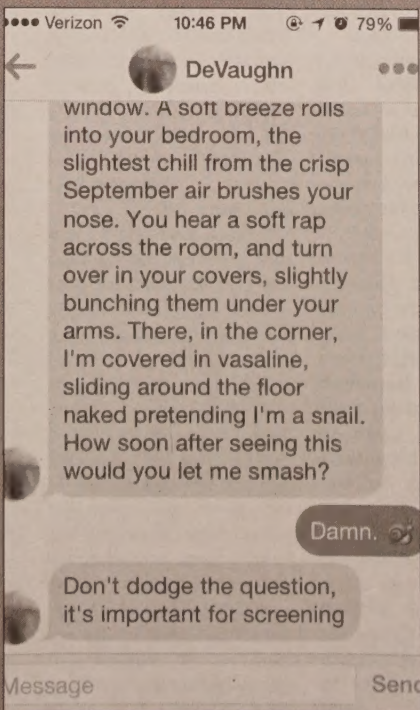
Next up, the Pad See Ew (rice noodles stir-fried with sweet soy sauce, eggs and broccoli) and drunken noodles (rice noodles stir-fried in a spicy basil sauce with chilis, onions and broccoli). These rice noodles were flat and thick, and probably the highlight of the meal. The Pad See Ew needed a little extra something like the basil, which was a great asset to the drunken noodles dish.

Finally we tasted the Thai Fried Rice — you all know what that is: fried rice with broccoli, onion and soy sauce, served with cucumber and a wedge of lime. Again, the dish was solid and decent but nothing out of the ordinary. And by this point, the takeout containers were starting to get cold, which probably didn't help. Blame our laziness and insatiable appetites... that's not Thai Restaurant's fault.

Perhaps we went in with our expectations too high. Or maybe we're not as familiar with other Thai options in the neighborhood as we should be. Regardless, the food at this Thai Restaurant is the answer if you're looking for a quick fix to satisfy your Thai tooth. The Pad Thai won't let you down (but maybe BYO-Lime). The service is fast, which is hugely important for hungry students on a tight schedule like us, but we found it a little on the pricy side for what it was.

We'll have to slightly disagree with our Zagat superiors on this one, but we should probably admit that we're extremely critical, especially during mid-term season. We haven't given up on Thai Restaurant, and we'll definitely be back to give it another chance. In the meantime, go, munch away and see for yourselves!

# It's Going Down: This Week on Tinder



Send screenshots of your funniest, most awkward Tinder conversations to [hiphop@jhunewsletter.com](mailto:hiphop@jhunewsletter.com) each week and they may just make it into the next edition of The News-Letter!

Stay tuned for more awkward Tinder conversations...



HIP HOP

BUT ALSO observations, lists, thoughts, feelings, missed connections, haikus, confessions, furtive glances and, of course, sex.

# What to do about the V word: Virginity

When and if I ever walk down the aisle, there's a good chance I won't be wearing a white dress. If you're wondering why, let me explain: the color white has everything to do with ideas of purity, virtue and, of course, the big one, virginity.

I have some serious issues with this crazy idea of virginity. To start, let's talk about the word itself. Historically, the word "virgin" has been used only on women. In ancient Rome, the Vestal Virgins were holy servants of the gods, and there were really only two rules to being one; first, you had to be a woman, and second, if you had sex, you were killed. Or we can also look at how medieval times dealt with virginity — women were pure and virginal maids, while men could do whatever they pleased. If you were a woman, once you were "soiled," you were a lot less valuable as an object of sexual desire.

Ugh. I am not interested in any of that double standard nonsense. Admittedly, virginity nowadays is talked about for both men and women. That being said, the double standard from which the word is born still exists. It makes itself very obvious in the way we talk about sex today. Women are turned into sluts and hoes, and men are admired as players. Men are portrayed as

sexually aggressive, and women are portrayed as sexually submissive. You can forget all about sexual autonomy if you're a girl. Again, this is definitely not a culture I want to have anything to do with.

Next, this concept of virginity just makes sex scary. When I was younger, I heard a million rumors about the all-too-scary act of "popping the cherry," and let me tell you, I was terrified. I was told that the first time I had sex it would be painful, daunting, maybe even bloody, so I'd better make it count. The truth is that it doesn't have to be painful. But when women are so worried about the impending doom that accompanies the first time they have sex, they'll be tense enough that it might actually hurt. There, I said it: Sex can be painful the first time. But what makes sex painful is not having enough foreplay, or not being comfortable enough with your partner(s).

Maybe we should start talking a little bit more about how to make sex pleasurable for people who aren't men, instead of scaring women off of sex with another crazy virginity myth. Another problem with virginity is that "people who know better" can use it to manipulate younger people into not having sex. Women are taught that their virginity, their virtue, is a gift to be given to the highest bidder. Okay, not the highest bidder, but the "one," that special magical someone. I'm sorry, but I don't believe that bullsh\*t for a minute. If someone wants to have sex, they should do it — as long as it's safe, fun and consensual, that is. Otherwise, we're all just using virginity to slut-shame women. Did she lose it too soon? To the wrong person? There's no right way to start being sexually active, and there's no prescriptive time that's right. Again, as long as people are being safe and consensual, sex can be a good and fun thing. We don't need



COURTESY OF WHISTLEPUNCH VIA FLICKR  
Vestal Virgins were not allowed to have sex with anyone. Too bad!

Women are taught that their virginity, their virtue, is a gift to be given to the highest bidder.

to apply all these rules that turn people into sluts just for trying to make their own sexual decisions. Finally, virginity is a completely heterosexual concept. We use it to talk pretty much exclusively about penetrative vaginal sex (i.e. penis and vagina). You can still be a "virgin" then after pretty much any and all other sexual acts, so what are people in non-heterosexual relationships supposed to do? How are trans folk supposed to fit into this? Virginity erases the narratives of tons of people, so if getting rid of virginity makes our society even a little more open to LGBTQ people, let's do it. At the end of the day, virginity commodifies sex. It puts sexual interactions into a small and restrictive box that a lot of people don't fit into. It makes sex scary. It turns sex into a bad thing. It's sexist. And I think it's about time we all lose virginity for good.

# Disorientation Guide is important, but flawed

The issues discussed in the Disorientation Guide are real and require our attention. Reading the work of the anonymous authors, I was proud for the first time to be a part of the Hopkins community. It has never been a secret that "many students... actively volunteer... without critical reflection on the motivation behind their involvement, or the relationship between the organization and the community with which it is involved."

Understanding this realization to be true, many students are disillusioned. It is difficult for us to resolve the deeper philosophical issues at play. Like, what is the point of being a part of society if I believe it to be corrupted and irretrievably perverted? We ask ourselves, why should I be the only one not to succumb to the semiology of cliché? Why should I be responsible for fighting the tyranny of the status quo?

Or, to quote the economist, "What is my incentive in this?" Or, to quote the environmentalist, "Is there an alternative?" Is it even possible to intellectually coerce an alleged "rape-y" frat boy or anybody without an open mind? Is there a thoughtful answer to give a guy that throws up his hands in the middle of a discussion of sexual assault to ask a question?

Ultimately, the JHU Disorientation Guide falls into the same trap as other calls for political "empowerment." While they succeed at criminalizing the content of the system, they also endorse the same notions of political thought that created the criminal content in the first place. We are yet to construct a political alternative to the system as it currently stands.

Institutions are cultural artifacts. An institution can only be understood through the cultural context in which it exists and operates. To better understand the nature of this abstract artifact, let's try to talk about a concrete one, the Vase, based on an example given by Jacques Lacan in "The Ethics of Psychoanalysis."

First, a vase is, by nature, practical. Its usefulness stems from its structure. A vase comes into being when we create for it an "inside" and an "outside." We create for ourselves an opening, but it comes with a set of "limitations." There is an "exterior" and an "interior" that did not exist before. It is a trade-off —

the Vase and the Institution are both instances of productive, purposeful stratification.

But the "content" of the Vase has no presupposed limitations. You can fill a vase with water, with marbles. You can draw pictures on the outside or adjust its width, height or materials. In the same vein, we can write and rewrite the rules that govern us. We can dismantle the institutions that oppress us. But we cannot control the "content" of an institution.

We cannot even conceive of the situations that might arise, even within the most carefully constructed set of limitations. The content of an institution is flexible; it can change. But at the end of the day, if a vase breaks, we replace it; we find another vase.

Artifacts of all kinds presuppose a redundancy of form. All the so-called "progressives" offer to us is an alternative set of norms. They provide a prototype for yet another vase. This is why we cannot stop at changing the content of our institutions. We cannot merely reject on principle the virtues of oligarchy; it is not enough to proclaim oneself to be a feminist or to negate the notion of racism; it is not enough to be an "activist."

For example, were the authors of the JHU Disorientation Guide being serious when they asked if SAE and WaWa were in a competition for the title of "rapiest" frat? Could you conceive that exceptional individuals might exist, even with a stratum you despise? What exactly are you doing, if not relying on the same forms of rhetoric that the patriarchy employed to oppress you? Why start throwing stones?

It is good that there now exists some kind of consensus. We all should recognize that the problems that plague our society are best understood as the byproducts of hierarchy. They are political in nature. So if we are serious about making change, then we need to re-envision how we conceive of the realm of the "political." The answer is not "to return to anarchy."

Maybe instead we should return to structural concerns. For example, do we really want to believe in a phrase like "political theatre?" Must our goal be to dominate the "political stage?" What do we need a stage for anyway? The ancient Greeks invented politics, they invented theatre. Both were meant for "catharsis," not for women or slaves.

# The world's cities, like souvenirs collected

As an avid globe-trotter, I almost always require a change of scenery. Happiness is the date and time on a plane ticket to somewhere far away. Every new place is intoxicating — but then comes the hangover. I don't buy silly little fridge magnets; I try to keep the cities bottled as atmospheres, moods and characters for my growing collection. Fancy a sniff?

London: Londoners are mostly awfully polite, but my London was rude and rough, like "Time for Heroes" by The Libertines. I solved the Sudokus at the back of the free subway newspaper every day. "Victoria Station," "Oxford Street" and, of course, the "Camden Town." Before you get out the announcer will say, "Mind the gap between the train and the station" because the announcer cares that you don't die, probably.

A lot of people kill themselves in this Karenina frenzy, though, so there are often train delays. Life in London can be tough, but Camden is always blissfully unaware. The earth would be a better place if it was one big round Camden. Goblins, goths, monsters, drug addicts, artists, hippies, hipsters and everyone else in-between feels at home here (Amy Winehouse's favorite place). There is no such thing as "weird" there, unless maybe some form of "business professional." London was a myth:

bloody historical revival of Sweeney Todd, Sherlock Holmes's dusty flat and the best modern art museum in the world, where humans went from here to there and then around creating crowded directed movement as a form of expression. London was fedora hats, writing "rapture of vertigo" on a wall in the rain with someone you met through Omegle and endless green Jane Austenesque parks.

Venice: Even being in Venice felt like a goodbye. Maybe because we were already warned: "Venice is drowning. Quick! Steal what you can!" The tourists had fed the pigeons on St. Marco square too much, so they were so fat they could barely fly higher than human height. Venice was rain, mimes and masks. Some guy gave me a rose, and I said "Gracias," but then he asked for money, thus thwarting our Lizzie McGuire-style romance. Italy has the most wonderful shade of blue as background for its soft skies. The tour guide told us some old legend involving lovers and boats. Because of it, whoever sat on the nearby staircase would fall in love. I think I decided against it. In Italy, I ate pasta with a billion different sauces and saw Boticelli's "Spring," which I guess is close to feeling immortal.

New York: Susan Sontag thought the beauty in modern cities is the contrast between ornate past

and cruel present. New York was all future, future, future. I saw Woody Allen on Fifth pretty high on the New Yorkness scale. At times it felt like a crime to have nothing to do there.

Wandering in search of city definitions, watching Central Park dogs, alone in the MET with scary marble Greek sculptures right before closing time, having Alice in Wonderland-style tea with scones with another Broadway dreamer, etc., etc. All so trivial compared to the bursting, bubbling, circling energy of the city buzz and fuss and busy.

Paris: New York may be masculine, but Paris is the essence of femininity. New York may be science, but Paris is art itself.

The art of food, the art of the dress, the art of life... People here wear colorful tights and scarves, fall in love forever every day and still smoke cigarettes like they're in the 1940s. Paris was a daydream, an invitation and a farce. I still suspect French desserts are delivered straight from heaven.

A Frenchman told me Americans don't stop to appreciate things. Before you drink, he said, twirl a glass of red wine like they do in movies — smell it, anticipate it, follow it. Don't just consume. This is the secret to the *joie de vivre*, of all the casual Parisian reverie. It's like walking through Rodin's gates of heaven. Find anything at all: a sign, a love, a silly nothing on Champs

Élysées and be amused, but then forget it. Be Marie Antoinette-y.

Moscow: When I say Moscow, I think beautiful, cold-hearted girls, the best ballet on Earth and the smell of old theatres. Read Bulgakov's *Master and Margarita* to turn the city bizarre and surreal. Russia and America have a beautiful, complicated, love-hate relationship, and it shows when you talk to people. Everyone in Russia feels bad for secretly wanting some America, consumerism and galore. Everyone in America is also attracted to famous Russia, contrarian and tough. Czars and presidents make the best pairings.

Crans-Montana: Swiss air up in the mountains was so clean that breathing turned into a hobby. Jack Daniels chocolate in the stores, mainly white old people with dogs and lots of classical music is how I remember Crans-Montana. It destroyed all my wishes to be rich: Everyone there was very rich, and everyone was very dead, old and dull. Same café everyday felt like a nice tradition, but same faces every day seemed excessive. There was an inner calm and confidence about the town. One street, called Rue Centrale. No way to get lost, on the outside or on the inside.

Those infected with wanderlust should make sure they are running to something instead of from. After all, to quote Neil Gaiman, "Wherever you go, you take yourself with you."

## Katie B What Katie Did

## Poetry Corner

~ A brief haiku ~

Edgar Allen Poe  
pointedly looks toward me  
as I write this line.

— Poet-in-Chief



THE JOHNS HOPKINS

NEWS-LETTER

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

Editorial

Women should have the right to choose

Today, Voice for Choice (VFC) will be holding a campaign on Q level in the library entitled “JHU’s 1 in 3 Campaign” to raise awareness of the fact that one in every three women will have an abortion in her lifetime. According to its website, the 1 in 3 Campaign aims to “end the stigma and shame women are made to feel about abortion... [and] build a culture of compassion, empathy, and support for access to basic health care.”

The Editorial Board would like to commend VFC for its efforts to destigmatize abortion. Abortion is completely legal, yet the process of getting an abortion is a needlessly difficult and convoluted process for many women. We also appreciate the group’s sincere efforts to be sensitive by posting prominent trigger warnings on the Facebook event and on the doors of the library to warn those who may have a strong or damaging emotional response to the images.

The Editorial Board fully supports a woman’s right to choose. We disagree with those who believe that they should have a say in what women do with their bodies. On a very basic level, we believe that a fetus has no legal rights as a human being until it is at the point of vitality, meaning that it can survive outside the mother’s womb without her physical life support;

therefore, the Editorial Board does not consider a fetus to be a person. It is in the best interests of both the child and mother for the mother to be able to decide whether she is ready to raise a child or not. Abortion is not an issue that is taken lightly, and data does not indicate that legalization causes a spike in abortion rates.

We also believe that legalization makes the affair significantly safer for those who choose to have abortions. As long as abortion remains legal in the United States, it will be a safe medical procedure performed by trained professionals with a very low rate of serious complications. Thirdly, in the case of rape or incest, forcing a woman to give birth could cause significant psychological and emotional harm to the victim. Therefore, as a preservation of civil rights in this country, we stress the importance of a woman’s control over her own body. Removing reproductive choice from any woman is an unacceptable violation of her rights.

Finally, we would also like to stress the importance of destigmatizing abortion. It is incredibly vital that as a society, we do not discriminate against those who have chosen to exercise their right to choose. The Editorial Board finds that the right to choose is a fundamental right granted to all.



COURTESY OF JOEY LI

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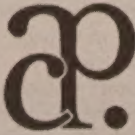
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The Johns Hopkins News-Letter is published every Thursday during the academic year by the undergraduate students of The Johns Hopkins University with the exception of holidays, exam periods and vacations. The views expressed herein, including opinions and columns, do not necessarily represent those of the editorial board. All submissions become property of The News-Letter and will be included on The News-Letter’s website, [www.jhnewsletter.com](http://www.jhnewsletter.com).

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“Yes Means Yes” is problematic

California recently passed the “Yes Means Yes” law, which defines sexual consent for college campuses, requiring “affirmative, conscious and voluntary agreement to engage in sexual activity.” In other words, both parties must consent verbally or otherwise to the sexual activity before it occurs. The law ignores any history of past relationships, meaning that parties in relationships — even marriages — cannot assume consent any more than can parties who have just met. And however healthy the intentions, this law places what we consider a dangerous burden of proof on those accused of sexual misconduct.

The law states, “A policy that, in the evaluation of complaints in any disciplinary process, it shall not be a valid excuse to alleged lack of affirmative consent that the accused believed that the complainant consented to the sexual activity [if]... the accused did not take reasonable steps, in the circumstances known to the accused at the time, to ascertain whether the complainant affirmatively consented.” Essentially, this

requires the accused to prove that they took proper steps to ensure that affirmative consent was met. In the United States, the accused is generally considered “innocent until proven guilty,” and we believe the wording of the law leaves leeway for a “guilty until proven innocent” dynamic, which is inherently dangerous.

The Editorial Board also agrees that the definition of positive consent was rather ambiguous. The law states that while “lack of protest resistance does not mean consent, nor does silence mean consent.” We believe that the law’s intention of moving the definition of consent in the direction of the affirmative is important and a step in the right direction. However, the law’s definition of affirmative consent is ambiguous — for instance, if silence does not mean consent, does that mean affirmative consent must come verbally? The nature of rape and rape accusations is that they are often ambiguous; nonetheless, in order for something as important as this to be put into law, the language must be tighter than it currently is.



*With the exception of editorials, the opinions expressed here are those of the contributors. They are not necessarily those of The Johns Hopkins News-Letter.*

# Entire student body needs to do Bystander Intervention Training

BY MEGAN DITROLIO

Bystander Intervention Training (BIT) trains students to better recognize and react to situations of gender violence and sexual assault on campus. The ultimate goal of BIT is to educate students in a host of preventative measures to end gender violence at Homewood. Currently, the training is mandatory for all varsity athletic teams and might eventually become accessible to all Hopkins students.

Adviser Alyse Campbell, who also is the adviser for the Hopkins' Sexual Assault Resource Unit (SARU) as well as the Sexual Violence Prevention, Education and Response Coordinator for the Center of Health and Wellness, supervises the sessions. Students who have gone through BIT lead the sessions with the hopes of making the presentations more relatable and honest.

BIT consists of two sessions, each two hours long, that individual athletic teams attend separately. Students are first told that they are free to leave the training at any time if they feel uncomfortable, as the sessions tackle sensitive issues and may provoke upsetting memories. Each student then proceeds to complete an online survey, gauging his or her knowledge and experiences of gender violence on the Hopkins campus.

The student facilitators use interactive and engaging presentations to teach students about gender violence, both in general and specifically at Hopkins, making sure to approach the sensitive subject in a delicate yet realistic manner. The first session tackles issues like sexual consent, sexual assault, gender violence, abusive relationships (physically, mentally, emotionally, academically, socio-economically, etc.), assault resources, microaggressions (rape jokes, stigmas, etc.) and how to support a friend who's experienced sexual assault. The session also aims to teach potential bystanders to recognize situations of gender violence and to end inaccurate stigmas surrounding the topic.

The second session of BIT opens up conversation about sexual assault and rape. The session gives astonishing information about rape on college campuses and challenges the stigmas that are normally associated with situations of sexual assault, such as assuming that the victim was drunk.

This session, like the first, aims to end instances of gender violence and sexual assault at Hopkins by teaching bystanders how to either directly or indirectly intervene in situations that they now know how to recognize. The training offers tips on protecting friends and strangers from situations of assault and advises the safest way to intervene in different situations. The session concludes with another online survey to gauge how the perception of gender violence has changed after the two sessions.

As the first official year of BIT at Hopkins, the program chose to start with athletic groups because they are easier to train. Teams generally consist of a controlled number of students who are already comfortable with one another — making the sessions more intimate, open and personal. BIT also hopes that athletes will use their campus influence to spread their newly acquired knowledge of gender violence throughout the student body. BIT's next goal is to train Greek affiliates, before ultimately reaching out to all students in small group settings.

BIT needs to be brought to as many students on campus as possible in order to help end the

atrocities of gender violence at Hopkins and on all college campuses. In May, the U.S. Department of Education released a list of 55 institutions of higher education under investigation for violating federal law regarding sexual assault and harassment. Though not on the list, during the spring of 2014 it was argued by some that Hopkins breached Title IX laws when students weren't immediately informed about a pending investigation on campus. Unfortunately, sexual assault exists on most college campuses — it is up to both the University and the students to support survivors of sexual assault however they need to be.

Incorporating BIT training is getting closer to the elimination of gender violence. While only the perpetrator is the responsible party in a case of sexual assault, we students have a responsibility to protect one another from dangerous and harmful situations. If BIT were available to all students, as it is intended to be, Hopkins would be one step closer to ending situations of gender violence and sexual assault. It is empowering to be able to intervene in situations and possibly prevent something from occurring, and as a Hopkins community, it is important that we all are able to protect one another in that way. Hopefully, the expansion of the BIT program will inform more students on the harsh realities of gender violence and help diminish cases of sexual assault on our campus.

*Megan DiTrolio is a junior Writing Seminars major from Newtown Square, Pa.*

# Remember the humanity behind the headline

BY EMELINE ARMITAGE

This morning, I sat down to finish my opinion piece on the effect that Indian Prime Minister Narendra Modi's visit to the U.S. would have on U.S.-Pakistan relations, and how President Obama should maneuver in this diplomatic minefield of a relationship. I was prepared. I had done my research: I knew that every American president since Kennedy has tried to intervene in the Pakistan-India conflict, how the disputed Kashmiri border came to be and why it mattered so much to the people of both countries. I knew how vital both Pakistan and India were to the counter-terrorism efforts of the U.S. in the Middle East and across Asia. I knew how the Pakistan-India conflict inserted a huge, sometimes seemingly insurmountable wedge in America's diplomatic relations. I was ready. I was excited.

But on this morning, as I was doing some final Googling to make sure I had all my facts right, news broke out that thousands of Kashmiri villagers were fleeing their homes after Indian and Pakistani troops began to fire at one another across the border. Pakistani officials have declared a death toll of four on their side, including two children. Indian officials have declared a death toll of five, including one 13-year-old girl. Indian officials claim that Pakistani troops fired first and that their troops simply retaliated, while Pakistani officials retorted that Indian troops had, in fact, fired first and that their troops simply retaliated.

These innocent deaths are an unfortunate, yet comparatively minor, amount of collateral

damage caused by a relatively small skirmish within the context of India-Pakistan relations. It is yet another violation of the 2003 ceasefire that was originally constructed with the goal of de-escalating tensions. Pakistani officials will undoubtedly condemn India, and Indian officials will respond by further condemning Pakistan. Pakistani politicians will exploit the situation just as their Indian counterparts will. The White House won't release a statement either, and even if it does, the statement will likely be a perfectly calculated, impartial one, emphasizing phrases such as "both parties must take responsibility." Rinse and repeat every year or so.

I think it is often difficult to remember that the deaths, statistics, numbers and pictures across the newspapers and next to Brian Williams's face and on the Internet have real stories behind them — real people, with real families that have been affected by the policies we read about. At least 100,000 Kashmiri citizens have been killed in the past two decades. At least 1,000 civilians in Pakistan have been killed in the past five years because of drone strikes, and who knows how many more when you factor in all those other countries our drones fly through? At least 3,400 people have died from Ebola in West Africa, but did you hear about that man in Texas with Ebola and the other one in D.C.? It was Stalin or some French guy — sources vary — who said "a single death is a tragedy, a million deaths is a statistic."

Already, Pakistani newspapers are urging India to show restraint and Indian news-

papers are urging Pakistan to show restraint. Guns and fingers are pointed almost simultaneously. The Indian government will use this to show the United States that Pakistan cannot be trusted and is in bed with extremists. The Pakistani government will use this to show the United States that India is willing to be violent even on the Muslim holiday of Eid-ul-Azha.

The Pakistani, Indian and American governments should remember to maintain the level of humanity inherent in this and not manipulate it. It is easy to dream up policies and opinions without remembering the humanity and the stories and the lives behind the numbers. It is easy to see bloody picture after bloody picture in *The New York Times* and shrug it off, desensitized.

I know I often struggle to remember the humanity behind the headline. But I think it's important to struggle and push against the easy choice to desensitize and grow numb. Tragedy and evil thrive on fear and ignorance. Facing these fears with deep understanding and sympathy is one small way to fight back. I hope the Pakistani, Indian and American governments are willing to do this instead of continuing the tradition of impartial statements, blame and manipulation — and if not this time, then the inevitable next time. For there will be another, but the outcome can be different if the humanity entangled in these conflicts is more than an afterthought.

*Emeline Armitage is a freshman International Studies major from Cleveland.*

# Portrayal of women in the media propagates sexism

BY SOFIA DIEZ

It may be 2014, but the silver screen has been stuck in a temporal loop since the 1950s. Sexism in media has been normalized over time, so much so that we don't even realize it anymore. A study from the University of Southern California captures how women are still underrepresented in the media: To begin with, only 1.9 percent of directors are female and 25 percent of all speaking roles in animated films are filled by women. Lastly, of 25,000 speaking characters in 600 top-grossing films between 2007 and 2013, only about 20-27 percent were women — what?

Why haven't the alarms been sounded? The authorities notified? Riots started in the streets? Even though this issue doesn't seem to be widely contested, we definitely are fighting battles on behalf of women in the media anyway. One of these battles has resulted in a total body image revolution. One of the primary focuses of women in the media has been to abolish the ideal of a "perfect" body type — great news for the 99 percent of women in the world who don't look like models. I personally find it easier to face myself unashamed in the mirror nowadays. Yay. However, at the same time, how have we all failed to grasp that apparently only a third — less than a third even — of speaking roles are women? The best answer to that, my darlings, is the sad fact that this is just the status quo.

"How is this normal?" you may go onto ask. Simple. The problem has just been building like a gas leak: subtle and unassuming until you can't help but notice that it's pretty loud and inflammatory. This genteel style of sexism is not the overt discrimination that led to the 19th Amendment and the women's suffrage movement. This type of discrimination is one of the reasons why such unflattering stereotypes

have emerged around feminists. Sexism is normalized in our culture from a very young age, and the process begins with every busy parent's best friend: television sets.

To begin with, the percentage of characters in family films wearing sexy attire by gender is 28.7 percent female and eight percent male. This fact makes you recall many characters such as Ariel from *The Little Mermaid*, Jasmine from *Aladdin* and Meg from *Hercules*. You pause and ask yourself why you didn't ever question their apparel? Why are these outfits considered okay to include in a children's movie to begin with? What subliminal messages could they have planted in my brain when it was at its most pliable state? Women have been getting over their historical damsel-in-distress period, but it seems that women have traded one evil for another: Young women are being hypersexualized, and the media has reinforced that it's normal.

Now for an even bigger shocker: The percentage of family films with a male narrator is 73.5 percent. I can't recall there being many big family movies or coming-of-age stories with female main characters when I was growing up. I remember amazing movies such as *A Christmas Story*, *The Princess Bride*, *The Perks of Being a Wallflower* and *Little Manhattan*, in which those little boys narrated their growth and small revelations in romance, family and coming of age. When I imagine the coming of age genre with a main female lead, I can remember *13 Going on 30*, *Princess Diaries* and... that's it. In both films, a major part of the "growth" of the female protagonist pertains to appearance, breast development, makeup and romantic awakening. That's angering because we, females, are more than hormone-driven mirror addicts. So why don't we see that in the media?

Now let's proceed to another aspect of this message: The media

presentation of female leaders and women with higher education.

Amy Farrah Fowler from *The Big Bang Theory* is a very obvious example of how we see the unattractive educated woman. She's socially awkward, missing obvious social cues throughout the series, and she lusts for romance. This only fuels the stereotype that as a highly educated woman, she has traded date time for lab time. In contrast, Bernadette is the quintessential attractive educated woman. Bernadette is inherently humorous because she is dating Howard, who has been a sex-orientated character from the beginning. Subsequently, Bernadette is in a way simply a pretty accessory to Howard's character. Now Penny — what does it say about women in general for Penny to be the "normal" one? She's a failed actress who doesn't appear to have much motivation to quit her waitressing job. She also puts a lot of emphasis of dressing well and is sexualized very often due to her outfits. In fact, she's almost portrayed as a nymph, so Sheldon can comedically misinterpret any of her "romantic" cues.

Then, when I think of female leaders in the media, I think of one particular movie: *The Devil Wears Prada*. Meryl Streep's character, the "devil," is the boss, and there are immediate associations that come to mind when describing her character: cold, callous, stoic, yet somewhat sexy with a dominatrix twist. Female leaders, and heroines in general, always seem to take on cold, masculine attributes. Notably, Katniss Everdeen from *The Hunger Games* and Black Widow from *The Avengers* embody these attributes in order to seem "tough" enough to be believable in these action-packed stories. What does it say to young women if their strongest role models are like this? Do women have to suppress our femininity to be taken seriously?

Here is my last spiel: To start, have you ever heard of the Bechdel Test? The Bechdel Test is a test used in movies to check for gender bias. There are three parts to this test: (1) there has to be at least two women in the movie, (2) who talk to each other, (3) about something else besides a man. I'd say that's a pretty low bar. Although 57 percent of movies do indeed pass the test, 43 percent fail! What does this tell me? That a large portion of movies still utilize a woman as a prop for the male characters. Does this surprise me? Yes. But should it? No.

It starts in the screenwriters' room, where female writers accounted for only 15 percent of screenwriting in 2012. Women are not even fairly represented on the film set, so it shouldn't surprise anyone that there is a theory called "The Male Gaze Theory" where the camera is compared to being a man's eyes. The best and one of the most notable examples I can give you is a scene involving Megan Fox in *Transformers*. In her introduction, the camera slides up her legs, pausing at her bottom and bosom before finally focusing on her face. No better than a prop. Now how does this all apply to Hopkins, you and me?

Many of us are women, and our portrayal in the media affects us every day. The media invades our homes, our colleagues and even our minds. I fear that if we don't say something, we will have to deny our femininity to be recognized as a leader, to be heard and respected. The media shouldn't force us to take on traditionally masculine attributes in order to have a voice among them. The media should be changed and the stereotypes broken, and we all need to work towards this.

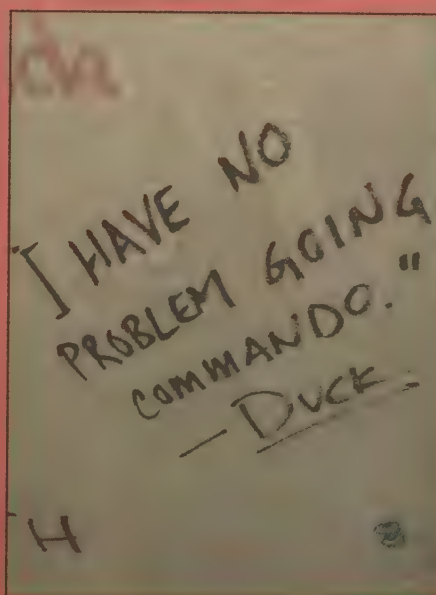
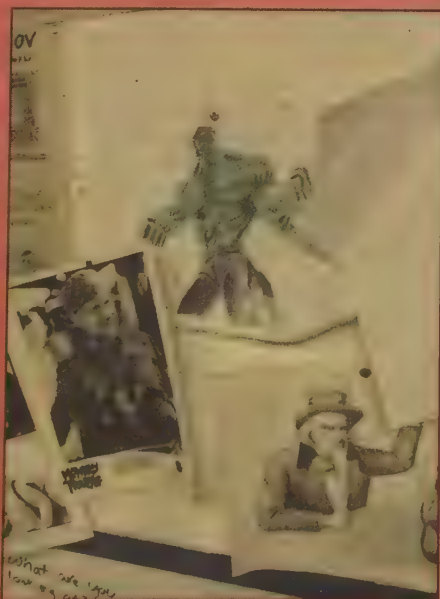
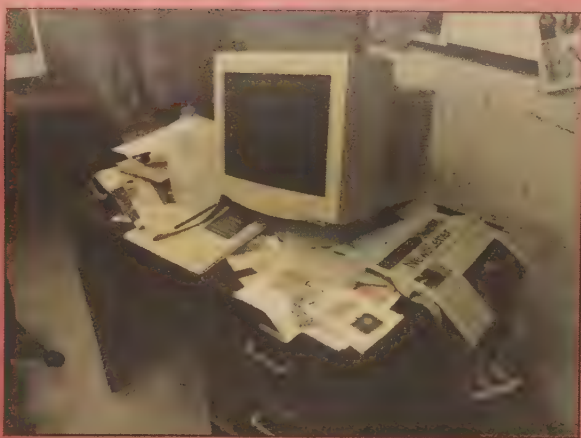
*Sofia Diez is a sophomore Mechanical Engineer from Vienna, Austria.*



# PHOTO ESSAY

## Scenes from The Gatehouse

By Julia DeVarti





# THE B SECTION

News-Letter

Your Weekend • Arts & Entertainment • Cartoons, Etc. • Science & Technology • Sports

OCTOBER 9, 2014



## Arts & Entertainment

Crystal Castles singer goes solo — B3

*This Is Where I Leave You* hits theaters — B3

"Fakes, Lies and Forgeries" exhibit opens at Peabody — B4



## Science & Technology

First U.S. Ebola patient dies — B7

New technology creates illusion of invisibility — B7

Nobel Prizes awarded for scientific achievements — B7



## Sports

Football clinches 5-0 win against Juniata — B10

Cross country races to success in Bethlehem — B10

Water polo travels to tournament in California — B12



# YOUR WEEKEND OCT. 9-12

## Breaking with the B'more Bard

By CAMILLE KO  
Your Weekend Columnist

In Shakespeare's *Twelfth Night*, the pining, lovesick Duke Orsino declares, "If music be the food of love, play on." However, if the duke had been a Hopkins student in the middle of midterms, he would've been lamenting less about his love life and more about his god-awful exam schedule. As studying would fry his brain, he would instead say, "If breaks be the balm to mid-term season, take one."

So, forced Shakespeare reference out of way — cast off those "slings and arrows of outrageous" exams, and consider giving yourself some downtime with the bard at The Baltimore Shakespeare Factory. Why pick Shakespeare over binge-watching a show on Netflix? Because if you're going to give your brain a break from studying, you might as well do it in a classy, cultured and liberal-artsy way, right?

While The Shakespeare Factory officially makes its home in the Great Hall Theater at Mount St. Mary's in Hampden, the acting company itself travels to

various venues to put on their performances. Thus, The Factory puts on shows as per original Shakespearean style. Initially, The Factory started as an educational outreach program for high school students and eventually expanded its outreach to elementary and middle school students in Carroll County in 2005. The company then formed an adult troupe of Baltimore, Md. and Washington, D.C. actors in 2007. They began performing throughout Baltimore City and educating local Baltimore students through acting outreach programs. Though The Factory now has an official adult acting troupe under its belt, the company still continues, in awesome fashion, to educate local Baltimore students through acting outreach programs.

The Factory puts on amazing performances, but the troupe enthusiastically dedicates itself to keeping as faithful to a Shakespearean method of performance as possible. For instance, The Factory uses Shakespeare's staging conditions for every single production it puts

on (e.g. the lights in the theater, even the house lights where the audience is seated, are on at all times during the performance). Sets are very minimal — as they would have been in Shakespeare's time — and the actors interact constantly with the audience. My favorite part about The Factory is that the troupe never wants the audience to feel that they are at a play, but rather tries to make them feel that they are a part of the production.

As a student, you can attend a performance for free with your Hopkins ID. That's right, absolutely free — as free as Shakespeare making up his own random English words. (Apparently, Shakespeare coined the words "rant" and "torture," so you can thank him next time you use those words when you're describing the Hopkins studying process.)

"To be or not to be" stressed this midterm week may be something that can be solved by a little visit to the Baltimore Shakespeare Factory. So close that textbook, get thee to a theater and go enjoy yourself some Shakespeare!



WIKIMEDIA.ORG

A Place To Talk provides a safe environment for students to discuss any concerns about campus life.

## Talk your heart out at APTT

By LILLIAN KAIRIS  
Your Weekend Columnist

It was 11:48 p.m. when I got the email — "Congratulations from APTT!!!!" the subject line read. I'd wanted to join APTT, or "A Place to Talk," the Hopkins student-to-student peer listening group, since even before I arrived on campus. The email explained a mandatory six-hour retreat the very next day, and I had no idea what to expect. And who really enjoys waking up before 10 a.m. on a Saturday morning anyway?

I remember entering the spacious Charles Commons salon room in a blur of disorientation, to be suddenly steadied by friendly faces and lots and lots of fruit. Oh, yes, APTT comes prepared, I thought. With grapes. And Starbucks. And really incredible pizza.

But APTT's charm went beyond the food — so beyond that I actually put down my Starbucks and listened attentively to what every person had to say. In our first activity, every APTT-er — the 10-member new training

class and the eight or so trainers — wrote down on index cards a word and a phrase that meant something to us personally. We then walked around and traded our inspirational words and phrases until we found ones that matched us. For me this activity was no struggle; I found it ridiculously easy to relate to these individuals, to the point where every adjective applied to me as well. "Oh, you're talkative? Me too! You're friendly? Me too! You're curious? ME TOO! Oh my god, we must be the same person!" As we went around the circle and discussed how each word applied to our lives, I finally recognized the true charm of this effusive group: they actually listen to you.

As we moved from the massive circle into smaller, more close-knit groups, I remember noting how secure I already felt. Maybe it was the inordinate amounts of caffeine, but I was saying some strange, eccentric things. Yet somehow, the amount of head nodding I received in response

to my odd conversation gave me a sense of validation.

Our group relocated to a smaller, secluded room where we stayed two hours longer than necessary. We were retelling our lifelines — each person telling the story of his or her life, its struggles and lessons and consequences — for however long they deemed appropriate. In my group, I suppose, it was appropriate to talk until your throat hurt. But in all honesty, I have never enjoyed a conversation more than I enjoyed those two hours.

I can't explain, in retrospect, why I felt so at ease in this environment. Why did I tell these people, who I'd only just met that morning, the whole extent of my life's story — things I haven't even told some of my closest friends? Why did I feel so safe? And why, really, did I willingly stay an extra two hours on a Saturday? Even now, as I train for APTT, these questions remain unanswered. But I'm starting to have an inkling — I think it's in the head-nodding.



WIKIMEDIA.ORG

The Shakespeare Factory aims to keep its performances as authentically Shakespearean as possible.

## Noteworthy Events

### Sugarloaf Crafts Festival

Friday, Oct. 10

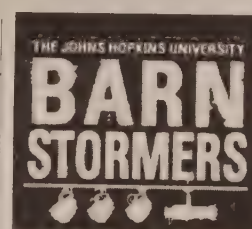
10 a.m. - 6 p.m.

Maryland State Fairgrounds

Missed Hampdenfest? No problem — head over to Sugarloaf Crafts Festival where more than 250 artists will display and sell their wares, including ceramics, jewelry, photographs and other art. There will also be demonstrations by craftspeople, specialty food, music and other entertainment. Tickets are \$8-10 and can be purchased online or over the phone.

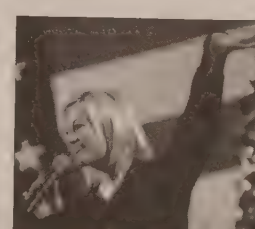


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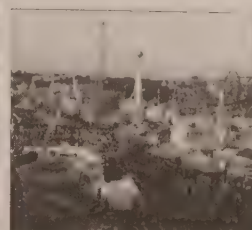


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Barnstormers Theater Acts (left) and Kathleen Madigan (right).



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Das Best Oktoberfest (left) and Free Fall Baltimore Events (right)

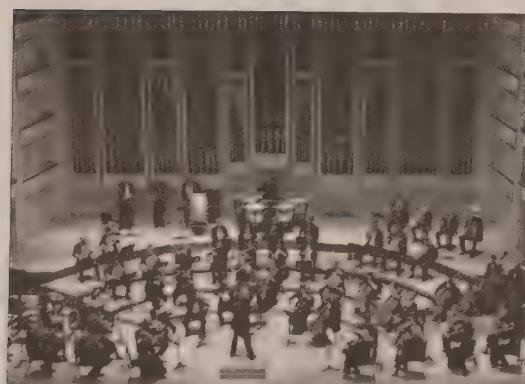
## Calendar

**10/10** Barnstormers Theater Freshmen One Acts (Arellano Theater)

Kathleen Madigan (Modell Performing Arts Center - Lyric)

**10/11** Equine Wine Festival (Timberleigh Springs)  
Das Best Oktoberfest (Rash Field)

**10/12** Free Fall Baltimore (Downtown Baltimore)



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### Hopkins Symphony Orchestra

Beethoven & Nielsen

Saturday, Oct. 11

8 p.m.

Shriver Hall

This event features a free pre-concert talk at 7 p.m., followed by performance by the HSO at 8 p.m. The program features flautist Susan Rotholz, principal of the Greenwich Symphony Orchestra and the New York Chamber Ensemble. Don't miss the grand finale of Beethoven's "Eroica" symphony! This piece was originally written for Napoleon and signifies the debut of Beethoven's innovative "heroic" style that explores the triumph of light over darkness.



# ARTS & ENTERTAINMENT

## “Fakes, Lies and Forgeries” on display at Peabody

By **AMANDA AUBLE**  
Arts & Entertainment Editor

Drawing sizable attendance from the Hopkins community, The Sheridan Libraries unveiled an exhibit showcasing nearly 70 rare items of literary deception at the George Peabody Library. “Fakes, Lies and Forgeries” opened on Sunday, Oct. 5 and will remain open through Feb. 1.

This display takes its pieces from the extensive Arthur and Janet Freeman Bibliotheca Fictiva Collection, which was donated to the University in 2011. Assembled over a 50-year period, the Bibliotheca Fictiva contains approximately 1,700 forged items spanning from the ancient world to the 20th century.

“The Arthur and Janet Freeman Bibliotheca Fictiva Collection is the largest and most comprehensive collection of rare books and manuscripts on the mysteries of forgeries in the world,” Sheridan Dean of University Libraries and Museums Winston Tabb said.

“This collection is indisputably without equal. I’m tempted to say, ‘trust me on that



COURTESY OF AMANDA AUBLE

Hopkins community members can view rare works of literary counterfeit at the Sheridan Libraries exhibit.

one,” Tabb added. “However, given the focus of much of this exhibition, that might not be prudent.”

The most notable falsifications within the “Fakes, Lies and Forgeries” collection include editions of Jesus’ posthumous “Letter from Heaven,” eye-witness accounts of the fall of Troy, a first-hand account of the discovery of Homer’s tomb, descriptions of Noah’s settlement after the Great

Flood and the conspiratorial Protocols of the Elders of Zion.

“I have too many favorites, but the Jesus forgeries are a hoot,” William Kurrelmeyer Curator of Rare Books & Manuscript Earle Havens wrote in an email to *The News-Letter*. “So are the archaeological ones that wish to be so sincere, but are preposterous.”

Along with Havens, the curatorial team for this exhibition involves several Hopkins faculty and graduate students, among them Charles S. Singleton Professor of Italian Studies Walter Stephens and Ph.D. candidates. It also includes Denis Family Curatorial Fellows Janet Gomez (Italian), Neil Weijer (History) and John Hoffmann (English).

According to Havens,

the Sheridan Libraries expected a crowd of 120 viewers for the grand opening, but approximately 150 people attended. This crowd included a group of students from Professor Patton’s “Great Books at Hopkins” class.

“All of this year’s Great Books at Hopkins faculty are delighted to have been able to bring students to view the ‘Fakes, Lies and Forgeries’ exhibit and its opening celebration this past weekend,” Patton wrote in an email to *The News-Letter*. “With a multitude of examples, the exhibit (and the newly acquired collection as a whole) provides yet another perspective on the panorama of ‘Great’ literary productions that we have all come to treasure.”

SEE FORGERIES, PAGE B4

## Crystal Castles loses vocalist Alice Glass

By **CHACONNE MARTIN-BERKOWICZ**  
Arts & Entertainment Editor

Alice Glass, member of Canadian electronic band Crystal Castles, announced Wednesday morning that she would be leaving co-member Ethan Kath after 10 years of working together. The band had recorded three full albums; their most recent, (*III*), was released in 2012. The break up after 10 years was surprising, especially as the band just finished touring in Mexico earlier this month. Glass posted that she would be embarking on her own solo career on her Facebook page.

“I am leaving Crystal Castles. My art and my self-expression in any form has always been an attempt towards sincerity, honesty, and empathy for others. For a multitude of reasons both professional and personal I no longer feel that this is possible within CC. Although this is the end of the band, I hope my fans will embrace me as a solo artist in the same way they have embraced Crystal Castles,” Glass wrote.

Ethan Kath met Glass when she was only 15 years old after seeing her perform as part of an all-girl punk band, Fetus Fatale. Kath recorded Glass’s vocals and produced several tracks, which became immensely popular online. Before long, the duo

was touring and invited to play at well-known festivals worldwide including Glastonbury in England, Rockness in Scotland and Exit Festival in Serbia. Their live shows were known to be alluring, mysterious and riotous. In 2011, the band won the John Peel Award for Innovation at the NME Awards.

Fans of the band reacted with shock but maintained hope for the artists’ futures.

“I am so sad that Alice Glass is leaving Crystal Castles. Completely desolate. She’s a hot mama with a bright future though, and I 100 percent believe that she will continue to be the creepy demon graveyard witch woman of electronic music,” sophomore Ruth Landry said.

This reaction is not surprising given Crystal Castles’s unique perspective on the world and the sound that reflects it. Their music tears at the listener with moody, dark synth beats accompanied by Alice’s ethereal, sometimes muffled and often shrieking vocals. This is not happy electronic music. It provides a voice for the damaged, the vulnerable and the self-destructive, but its somber quality also entrances listeners.

The band explored some of the demoralizing aspects of the world. Their song “Pap Smear” describes a loss of innocence. “You never got to bloom /

SEE GLASS, PAGE B4

## Sylvan Esso brings funky sound to show

By **AUBREY ALMANZA**  
Arts & Entertainment Editor

North Carolina’s electronic-funk duo Sylvan Esso continues to make waves with their debut album released in February of this year.

Singer Amelia Meath and musician Nick Sanborn first gained major attention when they performed on *The Tonight Show Starring Jimmy Fallon* in June. The televised performance of their standout song “Coffee” immediately placed the funky pair on the radar of electropop fans and triggered the demand for an international tour.

After making the rounds in the U.S. with shows played from Oregon to Massachusetts, Sylvan Esso crossed the pond to reach their growing U.K. fanbase. On Oct. 2, 150 fans headed to Oslo Restaurant and Live Music Venue in the Hackney borough of

London to watch the red-hot Americans firsthand.

After finishing a basket of chips and three pints of ale each, the Oslo patrons headed upstairs for Sylvan Esso’s 7:30 p.m. start. The club’s stage was only slightly elevated, glowed green and was without a single prop or backdrop. This minimalist setting perfectly matched Sylvan Esso’s understated entrance — there was no sound check, no instrument tuning and no introduction. Meath and Sanborn began their set by stepping up to the stage armed with nothing but a microphone and an electric keyboard and simply diving into their first song.

Crowd members fed off Sylvan Esso’s energy and began dancing immediately when the duo opened their set. Fortunately, guests did not have to wait long to hear top seller “Coffee,” which

SEE SYLVAN, PAGE B5

## This Is Where I Leave You is heartwarming

By **GILLIAN LELCHUK**  
Staff Writer

Director Shawn Levy’s *This Is Where I Leave You*, based on Jonathan Tropper’s novel of the same name, depicts realistic familial relationships during a time of crisis. The story follows Judd Altman (Jason Bateman) as he deals with his cheating wife and the death of his father. His mother Hillary (Jane Fonda) calls Judd and his three siblings home to sit Shiva — a Jewish tradition in which the mourning family sits for seven days doing no work.

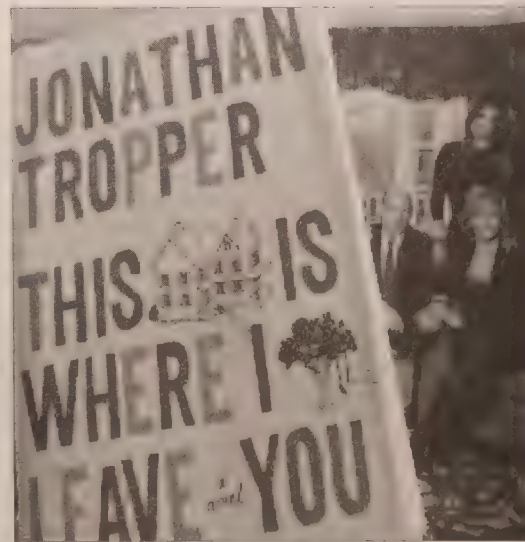
While Judd tries to get over his wife by spending time with childhood friend Penny (Rose Byrne), his siblings have problems of their own. His sister Wendy (Tina Fey) faces issues in her own marriage, brother Paul (House of Cards’s Corey Stoll) can’t get his wife pregnant and brother Philip (Girls’s Adam Driver) struggles to get his act together both financially and romantically.

Bateman spends most

of the film angry and confused, happy only when he spends time with Penny. However, Bateman’s best moments are with his sister Wendy. In one scene they sit on the roof of their childhood home and talk about all the problems that plague them. They are best friends as well as confidantes — Wendy is the first person Judd tells when his wife cheats on him.

Although all the actors perform well, Fonda and Driver stand out. Even as the grieving wife and mother, Fonda still manages to inject humor into her role. She is both embarrassing and comforting, as any good mother should be. Her augmented breasts are a running joke, but she continues to act with overwhelming confidence.

As the family screw-up, Driver demonstrates his emotional range as an actor. He is the smooth-talking little brother, the flirty player and the one who’s always there for his family in the end. He spends the movie cracking jokes but in the end is the one



COURTESY OF ROCOR VIA FLICKR

Levy’s *This Is Where I Leave You* realistically depicts a family’s crisis.

who comforts both Bateman and Fey.

Amidst all this drama and tension, Byrne’s character is shoved to the sidelines. Penny’s defining characteristic is that she has never left home. She’s a quirky girl who teaches ice-skating, and she provides a nice way for Judd to forget about his problems. Penny has a cheerful outlook, but beyond that she is a flat character. Her backstory involves her love for Judd, and what little character development she has also centers around her love for Judd.

Despite Byrne’s lackluster role, the film still manages to create funny scenes as well as tug at your heartstrings. Any

scene with young Rabbi Charles “Boner” Grodner (*Parks and Recreation*’s Ben Schwartz) is sure to bring laughs, and Judd’s stirring memory of his father near the end of the movie will warm your heart.

Levy’s film is an accurate depiction of what happens to a family when things fall apart. The film conveys that there is always a way to get back up again and that it’s okay to cry. As Judd learns, you don’t always have to sever yourself from the people who hurt you. Overall, *This Is Where I Leave You* successfully presents a realistic family and is a film complete with unlikely shenanigans and heartwarming compassion.



COURTESY OF BRENDAN T. LYNCH VIA FLICKR

Duo Sylvan Esso’s energetic sound promises widespread popularity.



## ARTS &amp; ENTERTAINMENT

# Rare manuscripts and books showcase forgeries

Peabody exhibit displays works of historical impact and literary merit



COURTESY OF AMANDA AUBLE

Rare literary works currently sit on display inside the Peabody library.

## FORGERIES, FROM B3

Odysseus took pride in his abilities as a liar; Dante actually had some people convinced that he himself had traveled down to Hell — they commented on how much darker his hair had become from the heat — and in all likelihood, Shakespeare ‘borrowed’ plots from more sources than scholars have yet been able to fathom.”

“It’s all part of the human love of telling tales, playing jokes and getting away with making people believe the impossible,” Patton added. “We had the added pleasure, of course, of introducing students to the beautiful George Peabody Library and encouraging them to continue making use of it during their years here at Hopkins. All in all, it was a splendid event!”

After having ample time to survey the collection, viewers packed the seats inside the Peabody Library to hear members of the curatorial team discuss how the collection itself came into existence and the scholarly implications behind such an exhibit.

In his presentation “(True) Confessions of a ‘Fakes’ Scholar,” Walter Stephens, a professor of Italian Studies at Hopkins, analyzed the benefits of studying forgeries despite some scholars’ initial hesitations.

Stephens conceded that these rare pieces’ contents are, in fact, lies. However, he asserts that the work can also be classified as literature. Not great literature, he claims, but literature with great consequences.

Since the 70s, Stephens has worked on Annus of Viterbo’s Renaissance forgeries. However, besides the work of Ste-

phens and a few other scholars, the study of forgeries has not been a widely explored field. The impact forgeries have had on social history are now being shown through this exhibit.

“Forgery teaches us that our capacity to deceive is a creative one, as much as it is destructive, and is only outmatched by our popular fascination with it and its subversive qualities,” Havens wrote.

Havens also commented on this exhibit’s unique angle, as it displays works not based solely on literary merit, but on historical impact and creative thought as well.

“Collections of primary research materials of real research value can just as well invoke our lesser angels, our subversive instincts as a species and as members of complex cultures,” Havens wrote. “Forgeries ‘merit’ our attention, even perhaps in some cases our admiration as manifestations of virtuosity. They tell us a great deal about ourselves, and about our predecessors, their passions, prejudices, burning desires and credulity all at once. I find the subject endlessly fascinating when thought of in these ways.”

The Hopkins community is encouraged to stop by the free exhibit and study the unusual literary texts. It will remain open for about four more months.

# Crystal Castles band splits after 10 years

## GLASS, FROM B3

They cut you from the stem / You’re innocent at birth / Until you understand... Consistency of dirt / Insects that spun your silk / They wait for gratitude / They wait for mother’s milk,” Glass sings.



COURTESY OF CHERIE GLOVER VIA FLICKR  
Glass’s musical talent was discovered at age 15.

Loss of innocence is a recurring theme in Crystal Castles’s work, and Glass herself admits this in an interview with Pitchfork.

“Purity is an illusion. The idea of purity has been used as an excuse for calamities like honor killings, bride burnings, child molestation. Purification is genocide,” Glass said.

Even tracks that are only instrumental, like “Reckless,” give the listener a sense that they are confronted with something disturbed and out of equilibrium. The music understands a world that is not all enchanting, and it uses this quality to captivate fans who sometimes want to embrace the feeling of being sad or angry, maybe even seedy or disturbed.

It is fitting that Alex Glass is opposed to many of the messages

mainstream media sends to young people, as she clearly tries to communicate a very different message to her listeners. In an interview with NME, Glass discussed the recent impact of popular music.

“I think a lot of kids are more sexualised now than they were now than they were years ago, and I’m not sure it’s a coincidence,” she says. “Like f\*cking Katy Perry spraying people with her f\*cking d\*ck, her f\*cking cum gun coming on f\*cking children. And little girls, like six-year-old girls wearing a shirt with ‘I wanna see your [pea] cock’ on it... Don’t prey on vulnerable people like that. Don’t encourage little girls to get dressed up, to have cupcakes on their tits to get people to lick them off ‘cos that’s what you’re insinuating.”

# Transparent opens gender debates

## By MADELINE WHEELER

For The News-Letter

Amazon.com premiered on Sept. 26 the first season of *Transparent*, a comedy-drama about a Los Angeles family coping with the news that their father has come out as transgender. This latest addition to the website’s growing original program collection has gained critical acclaim from national media sources such as *The New York Times*, *The New Yorker*, *Buzzfeed* and *Slate*.

The show’s plotline revolves around the Pfeffermans, a Jewish family of five whose 70-year-old patriarch, played by *Arrested Development* star Jeffrey Tambor, comes out to his grown children and ex-wife as female “Maura” and the drama that ensues.

The Pfeffermans are an eclectic bunch with as many quirks as any modern, wealthy family from California: the married eldest daughter Sarah (Amy Landecker) struggles with her sexuality when her college girlfriend reappears; successful music producer Josh (Jay Duplass) is a womanizer who is anxious to start a family; the youngest daughter, Ali (Gaby Hoffman), is ten years out of college and still has not chosen a career path and ex-wife Shelly (Judith Light) is a classically neurotic mother who scoffs at her daughter’s choice of tofu schmeer.

Jill Soloway, the show’s creator and director, is well versed in the intricacies of the trans community; in 2011, her father came out as a trans woman. While Soloway denies that the show is in any way autobiographical, the theme of unconventional family dynamics is one she has previously explored as well. In her 2013 indie comedy-drama *Afternoon Delight*, a Los Angeles stay-at-home mother impulsively invites a young exotic dancer into her home in an attempt to save the girl from the industry.

Like *Afternoon Delight*, *Transparent* is clearly a product of our time. Characters make references to the dating app Tinder, California’s relaxed medical marijuana regulations and the growing alphabet that is the ever-evolving LGBTQ community — for those unfamiliar with the expanded acronym, the Qs stand for “queer” and “questioning.” Issues of gender, sexuality and modern relationships flow throughout the show’s narrative, allowing for *Transparent* to showcase a variety of trans actors such as Alexandra Billings, Ian Harvie and Zackary Drucker.

Although the show has received some criticism for casting straight male actor Tambor as Maura rather than choosing a trans actor, these arguments fail to account the fact that the series tracks the beginning of Maura’s gender transi-

tion: The character has yet to explore hormone or surgical options. Nonetheless, it will be interesting to see how future seasons handle the progression of Maura’s transition.

*Transparent* also depicts how American perceptions of gender and sexuality have changed in the past 25 years. The show features flashbacks to the late 80s through the mid 90s, when Maura secretly questions her gender through cross-dressing and goes to great lengths to conceal her activities from her family. Unlike other current series, *Transparent* takes risks cinematically by melding moments of past and present and blurring the lines between reality and character projection.

Overall, *Transparent* succeeds in opening conversations of gender and sexuality to a broader audience, while clarifying misconceptions and answering questions for characters and viewers alike along the way. *Transparent*’s original subject matter and social commentary validate Amazon’s in-house content. The show thereby elevates the website to the same playing field as television providers such as HBO and Netflix.

All ten episodes of *Transparent* are available online through Amazon Instant Watch and can be accessed through an Amazon Prime account or a 30-day free trial offered exclusively to college students.

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## ARTS &amp; ENTERTAINMENT

Michael Bay injures *Transformers* sequel

While director Michael Bay may have acquired new intellectual property this summer with *Teenage Mutant Ninja Turtles*, it was by no means his only film to be released this year or even just this summer. Greeted with the oddest assortment of cheers, groans, complaints and praise, *Transformers: Age of Extinction* delivers a fourth installment in Bay's most successful film franchise to date.

Despite this success, common belief dictates that sequels are never as good as the original, and this particular franchise has never initially received much critical praise. So the question arises: Is *Transformers: Age of Extinction* the sequel we never wanted or simply one we never knew we wanted?

The answer is the former. But, just like everyone else who knew the potential film dilemma beforehand, I went and saw it anyway. The film picks up immediately where the third one left off, albeit with some rather significant changes, particularly in regards to the casting.

For those unfamiliar with the series, a rough breakdown of the plot and general themes are as follows: Transformers, giant robots with the ability to transform between common technology and highly combat-efficient

super-machines, reside on Earth after the destruction of their home world. Two warring factions, the Autobots and Decepticons, battle with each other in a never-ending war to decide whether they become the protectors or conquerors of Earth. There are lots of explosions, cheesy speeches and terrible performances from Shia LeBeouf and Megan Fox. Then the cycle repeats in the next film.

This fourth installment begins in the wake of the battles of the third *Transformers*, leaving humanity terrified of the 300-foot death machines that have a penchant for ravaging their cities in every film. Consequently, the U.S. military institutes a plan to exterminate the remaining transformers, Autobot and Decepticon alike.

To this end, the military hires a mercenary transformer named Lockdown to bring down the remaining robots, especially their leader Optimus Prime (Peter Cullen). The Autobots' fight for survival soon brings them into contact with inventor Cade Yeager (Mark Wahlberg) and his family, who must decide whether or not they will help the Autobots survive the attempted destruction of their right to exist.

Despite being a fourth installment in the series,

the film is remarkably user-friendly and accessible. The approachability is owed in no small part to the inclusion of and performance by Mark Wahlberg. Due to Shia LeBeouf's departure as the main character of the film, the new cast allows the film to begin entirely new plots for its human characters (from whose point of view much of the movie is shown). Consequently, even if audiences are unfamiliar with the series, this fourth installment is, oddly enough, an excellent place to begin.

However, this accessibility deters the film as much as it aids the franchise. While the plot is admittedly very easy to pick up, many key elements will inevitably be lost on the uninitiated audience. Particularly early in the film, several key dramatic scenes rely almost entirely on viewers having prior knowledge of the films. These scenes lose all weight and purpose otherwise as a result.

Furthermore, despite the cast turnover, the newcomers still suffer from the same plague which crippled the prior three films: the writing. It's no secret that the *Transformers* films are action films at their core. They are filled to the brim with explosions and mayhem, and ev-

ery scene acts merely as a bridge to the next big fight. In that sense, story really should be merely window dressing for the film's entertainment value.

However, the poor writing manages to actively detract from every aspect of the film, including its main actions. This stands as a testament to the story's poor quality. Every human character in the film is so poorly written that it becomes impossible to like a single member of the cast; the ones you don't immediately forget are overshadowed by characters whose "endearing quirks" easily become extreme annoyances.

Despite an admittedly good performance by Wahlberg, even his seasoned touch is not strong enough to salvage much of the dialogue he is forced to engage in through the film. Cullen doesn't help Wahlberg's cause. While Cullen certainly sounds the part of the Autobot leader, almost every line of dialogue the mechanical monolith has is some clichéd expression. While obviously done for dramatic effect, his every spoken word sounds as if it were tailor-made for a trailer. Optimus Prime delivers the lines and quickly shifts tone from dramatic to comical.

Prime makes this shift early on and never returns, leaving audiences more likely to laugh at how ridiculously over-the-top he is than anything else. The writing wouldn't be so much of an issue if it were only slight, but Bay insists on shoe-horning poorly conceived human drama at every opportunity. It may just be my opinion, but perhaps an impending and potentially cataclysmic attack by a band of killer mercenary robots is not the best time to chastise one's daughter about her secret boyfriend, no?

The action scenes themselves are well done more so than the previous films'. The camera, while still entirely too enamored with shaking effects, does take a step away from the action in order to make the scene slightly more visible in key moments. The robots themselves, as always, are rendered in beautifully mechanical CGI. While it does occasionally become difficult to differentiate one faction's robots from another's, the film does manage to make each transformer distinct enough to alleviate some confusion.

*Transformers: Age of Extinction* is exactly what audiences have come to expect from the films: a dumb action flick, good for its fights and little else. While its new content and characters attempt to make the film more immediately accessible to newcomers than previous iterations in the series, its writing flaws show that Bay has not completely reinvented his franchise. Bugged down by incredibly poor writing, pacing and dramatic choices, the film fails to evoke any sense of urgency, relatability or passion in its audiences. It is an example of eye candy at its finest. Just like eating real candy, at the end all I was left with was a lingering thought that I know I shouldn't have eaten it.

Overall Rating: 2/5

## Tim Freborg Flashframe Film Reviews

## 2014 is a great year for alternative musicians

As it draws to a close, 2014 has proven itself as one of the best years for alternative music in recent history. September in particular was a very fruitful month; several alternative artists put out albums that are worth a listen by fans and genre newcomers alike.

Whether groups made an effort to carry on after a core member's departure or an artist chose a new direction for a breath of fresh air, daring and surprisingly successful releases occurred in September.

Released on Sept. 9, Interpol's first album in four years, *El Pintor*, represents a return to form for the band as well as a step forward.

In many ways, *El Pintor* shows Interpol's return to their roots, evoking a sound reminiscent of their days playing smoky bars in New York — long before their stint opening for U2 on the highest-grossing concert tour of all time.

Though hailed as one of the great New York alternative bands to emerge in the 2000s, Interpol is often criticized for a lack of sound experimentation. That being said, Interpol uses this album to draw on its classic sound while continuing to grow. "Anywhere" would fit in well with Interpol's earlier work, while the floating and falsetto-laden "My Blue Supreme" shows the band taking a mature step forward.

Furthermore, *El Pintor* is the first of the band's five albums not to feature founding bassist Carlos Dengler, who jumped ship after their previous, self-titled effort.

Released on Sept. 23, Alt-J's *This is All Yours* shows the English band's standing power against the pressure to follow a debut album as successful as *An Awesome Wave*.

Like Interpol's *El Pintor*, *This is All Yours* is Alt-J's first release following the departure of its founding bassist. Gwil Sainsbury left the band earlier this year due to distaste for the music industry.

Alt-J's debut album, *An Awesome Wave*, was universally acclaimed and earned the band an immense amount of radio play. The

success of their debut also led to critics lauding them as the "new Radiohead."

Young artists who make well-received debuts are often faced with a tough decision of bowing to the industry and continuing to please the masses or taking a leap of faith toward a new sound that could make or break their careers. On *This is All Yours*, Alt-J finds a balance between the two, opting to reconcile the ethereal, stargazing sounds of its first

album with some more adventurous sonic shifts.

Many of the songs that appear on *This is All Yours* were written on tour, which explains why Alt-J's two major efforts sound so akin to each other.

On one hand, the song "Left Hand Free" depicts the band at its edgiest, while the back-and-forth vocals and light strings of "Warm Foothills" cool the mood in typical, yet more evolved Alt-J style.

Also released on Sept. 23, *Sukierae* is the highly anticipated solo album of Wilco frontman Jeff Tweedy.

Earlier this year, Tweedy announced that he'd release an album of new material as well as reworked songs that had previously been shelved. Later, it was confirmed that this would be a collaborative project with his son, 18-year-old drummer Spencer Tweedy.

The collaborative project, aptly named Tweedy, decided to call its debut *Sukierae* after the nickname of Susan Tweedy, wife of Jeff and mother of Spencer. Susan's battle with cancer influences in one way or another many songs on the record.

Comprised of two discs and 20 songs total, this double album has its share of gems as well as tunes that slightly resemble worthy Wilco material.

Singles "Summer Noon" and "Low Key" as well as the delicate "Flowering" display some of Tweedy's best songwriting.

These great September alternative releases are highly recommended. Fans can try to sneak into some of the sold-out shows as Alt-J performs at the Echostage and Interpol at the 9:30 Club.

## Sylvan Esso offers more than just "Coffee" hit

**SYLVAN, FROM B3**  
Sylvan Esso performed third, instead of saving the popular track for the finale as expected.

However, with the famous tune out of the way, much of the night's excitement and anticipation died (some people bought tickets solely to hear this song). One attendee even joked, "Well, looks like we can head out now!"

But staying the duration of the gig was worthwhile. Sylvan Esso gave fantastic deliveries of "Hey Mami," "Could I Be" and "H.S.K.T." Meath consistently outshined her recorded voice, enhancing each piece with a range of impressive vocal fluctuations.

Brevity was the only downside to the intimate, upbeat gig, for Sylvan

Esso has only produced the 10 songs featured on their premier album. Suddenly the performers were out of material and could only laugh and apologize, wishing they could perform longer. Sanborn generously spent a few minutes entertaining with an impromptu, hypnotic rhythm after the crowd demanded an encore.

All of Hackney's gig attendees (and any Sylvan Esso fans worldwide) can attest that this duo is going places. With what could be the next headlining sound of 2016 festivals, they won't be booking small gigs much longer. Take advantage of their endangered indie status by checking them out at Baltimore's The 8 x 10 on Oct. 23.

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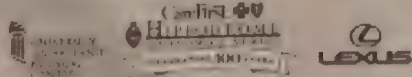


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# CARTOONS, ETC.

Grave Humor

By Stephanie Herrera



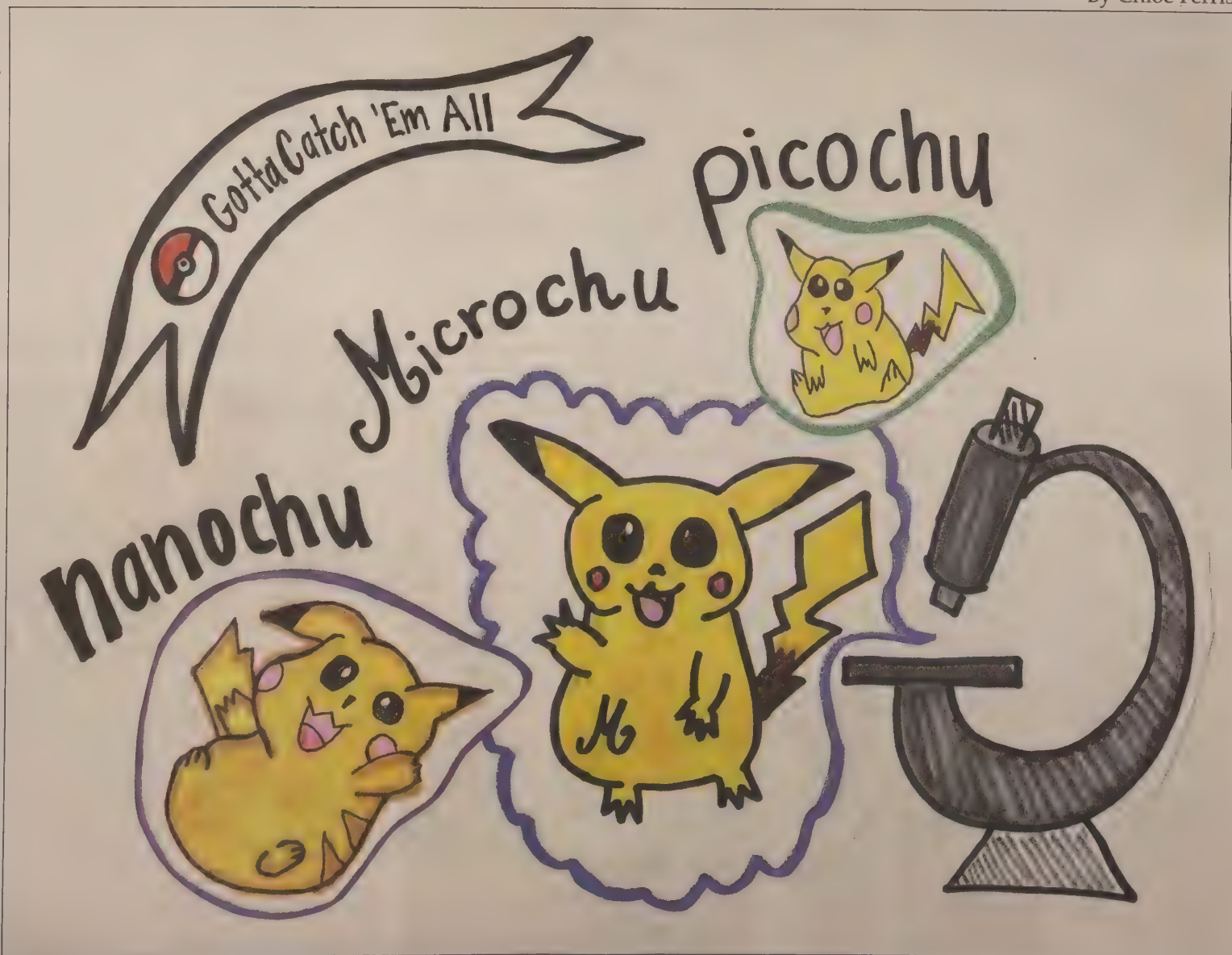
Welcome to The Bamboo Café

By Chloe Ferris



Gotta Catch 'Em All

By Chloe Ferris





# SCIENCE & TECHNOLOGY

## First American Ebola patient dies in Dallas

Only U.S. patient thus far succumbs to Ebola after being hospitalized for several days



STIES.SMU.EDU

The first confirmed American case of Ebola is a Dallas man who recently traveled to the country of Liberia.

By ALIZAY JALISI  
For *The News-Letter*

In the past week, Ebola has turned from a threat on a distant continent to something very real for Americans. Thomas E. Duncan is the first person to be diagnosed with Ebola in the United States, as confirmed by the Centers for Disease Control (CDC) on Sep. 30. Duncan died from the disease yesterday in a Dallas hospital.

Duncan, a Liberian citizen, had arrived to Dallas from Monrovia, Liberia on Sept. 20, but he did not develop symptoms until Sept. 24, several days after his arrival. According to the CDC, those infected with Ebola are not contagious until they show symptoms of the disease.

While he admitted himself to the Texas Health Presbyterian Hospital, he was sent home because he neither displayed symptoms of Ebola nor reported a recent trip to a country that has a Level 3 Warning of prevalence of Ebola. Doctors readmitted him to the hospital on Sept. 26 due to severe abdominal pain and confirmed that he in fact had contracted Ebola.

Duncan's relatives and those who had been in close proximity to him after he arrived have been screened for Ebola, with only negative results.

Ebola is difficult to detect because doctors in the U.S. aren't normally looking for it. Also, its symptoms, which include fever and impaired

kidney and liver functions, are characteristic of many other diseases such as malaria. There is no way to tell for sure if someone has Ebola without a screening for the virus. The incubation period of the Ebola virus is 21 days, which is why Duncan didn't display symptoms until days after his arrival in the U.S.

Reports also surfaced about Ebola cases in Rockville, Md. and Washington D.C., but both hospitals later released the patients and reported that they do not have Ebola. The CDC reports that it is well-equipped to deal with Ebola in the U.S., and that citizens should not worry about its spread given that there has only been one confirmed case

in the U.S. Nevertheless, many Americans are now on edge, particularly after Duncan's death.

Airports are now screening for Ebola at security checkpoints, and even feeling sick on an airplane, which many passengers do on a daily basis, has triggered a response from the CDC. CNN reported on Saturday that a man who had traveled to Newark Liberty International Airport from West Africa was taken, immediately upon landing, by CDC officials to University Hospital in Newark simply because he had vomited on the plane. Later, it was revealed that he had an illness that was minor and completely unrelated to Ebola.

In an interview with *The New York Times*, an anonymous UPS deliverer reported that he regularly wears gloves to deliver packages to the Ivy Apartment Complex, where Duncan stayed immediately after exposure to the disease.

Hopkins students are more optimistic, however. When asked whether they expected Ebola to ever arrive in Baltimore, freshmen Annapurna Vadaparty and Irving Nestor both said that they didn't.

On Sept. 16, U.S. President Barack Obama sent 3,000 U.S. military personnel to Liberia

SEE EBOLA, PAGE B8

## Nobels awarded in Physics, Physiology and Chemistry

By MELANIE LEVINE  
Editor-in-Chief

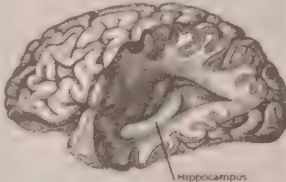
This week the Nobel Assembly at Karolinska Institutet awarded the Nobel Prize in Physiology or Medicine, and The Royal Swedish Academy of Sciences awarded the Physics and Chemistry Prizes. The science prizes recognized achievements from nine scientists over the past 50 years.

### Physiology or Medicine

John O'Keefe, UK (1/2 of the prize)  
May-Britt Moser, Norway (1/4)  
Edvard I. Moser, Norway (1/4)

#### Creating a map in your mind

*What was the discovery?* Neurons called "place cells" in the hippocampus region of the brain create a map of your surroundings to provide a reference for spatial navigation (O'Keefe). "Grid cells" in the entorhinal cortex form a grid that encodes the space, allowing us to orient ourselves in a room (Moser and Moser).



WIKIMEDIA COMMONS

*How did they do it?* The laureates measured the activity of individual neurons in rats to observe the firing patterns as the animals moved around an enclosed space.

*What is the significance?* The hippocampus is the center of memory in the brain, so understanding how we remember our surroundings will help us understand diseases like Alzheimer's and dementia that affect these cognitives processes.

### Physics

Isamu Akasaki, Japan (1/3)  
Hiroshi Amano, Japan (1/3)  
Shuji Nakamura, USA (1/3)

#### The invention of the elusive blue LED



WIKIMEDIA COMMONS

*What was the discovery?* The laureates figured out how to make blue light-emitting diodes (LEDs). For thirty years, we only had red and green diodes, but now, with blue as well, we have been able to create white LED lamps.

*How did they do it?* To create an LED, you need to grow crystals that will emit the light you want, but the semiconductor in the LED damages gallium nitride (the crystals used for blue light). The laureates discovered a method of growing gallium nitride to be of high enough quality that it can be used in an LED.

*What is the significance?* LED lamps are far more energy-efficient and environmentally friendly than incandescent or fluorescent lamps because they convert electricity directly to light without losing any of it to heat during the process.

### Chemistry

Stefan W. Hell, Germany (1/3)  
William E. Moerner, USA (1/3)  
Eric Betzig, USA (1/3)

#### Pushing the limits of microscopy

*What was the discovery?* The laureates contributed to current methods of observing very small subcellular structures under a microscope through illumination of individual fluorescent molecules.



COURTESY OF G.DONNERT AND S.W.HELL

*How did they do it?* Stimulated emission depletion (STED) microscopy excites the sample with light but blocks it out everywhere except in a very tiny region. Lots of small images put together then make up a picture of the whole sample (Hell). Single-molecule microscopy activates different fluorescent molecules at different times and then superimposes the images (Moerner and Betzig, separately).

*What is the significance?* For decades, we thought that there was a limit to the smallest things we could see under a light microscope — 200nm, half the wavelength of visible light. With STED and single-molecule microscopy, we can observe the proteins and organelles of a cell with higher resolution that was ever thought physically possible.

## Malaria medication efforts fail in objective

By REGINA PALATINI  
Staff Writer

There aren't many immediate obvious similarities between malaria and Coca-Cola... except when they intertwine in the field of public health. They are able to converge because the economic influence and marketing practices of one is being used in combatting the other.

Coca-Cola is a dominant force in its market because it sets extremely low prices so that other beverage brands have no choice but to lag behind. The market for malaria treatments is not quite as simple: The only truly effective pills, such as World Health Organization-approved artemisinin combination therapies (ACTS) are very expensive. Pills that are less expensive are also less effective and cannot stand up to the malaria medication-resistant parasites that have recently emerged.

Given the low socioeconomic status of many individuals in African countries, people often have to settle for these cheaper drugs, which can encourage parasites to resist medication and therefore counteract the purpose of

SEE MALARIA, PAGE B8

## Invisibility cloak may become reality

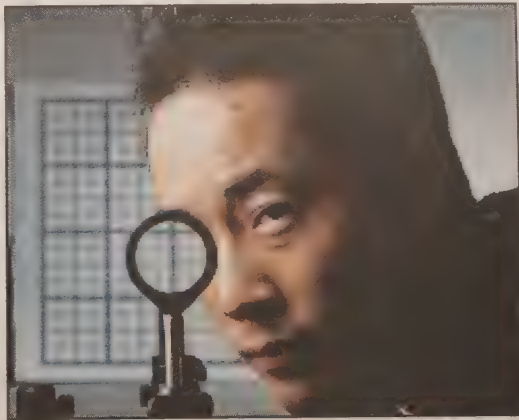
By ELIZABETH LIU  
Staff Writer

Harry Potter fans, rejoice: Researchers from the University of Rochester have discovered an inexpensive way to recreate the fictional wizard's famous invisibility cloak.

Joseph Choi, a graduate student at the University of Rochester's Institute of Optics, led the team that created the Rochester Cloak. The cloak is, to the best of their knowledge, the first device that can perform three-dimensional, continuously multidirectional cloaking.

Choi, working with physics professor John Howell, created a cloak that is able to disguise the object behind it without shifting the background even if the viewer shifts their viewpoint by up to 15 degrees away from the optimal viewing position.

Cloaking, an optical illusion that conceals an object by making it invisible, has fascinated both



ROCHESTER.EDU

Choi's multidirectional cloak creates the illusion of invisibility.

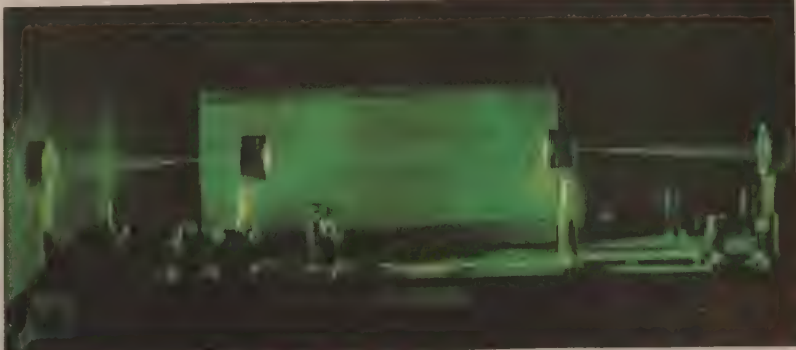
the popular culture and scientific communities for quite a while. The fundamental physical principle behind the illusion is to try to bend light around an object without distorting the background, rendering the object invisible as a result.

Previous cloaking devices, such as the blanket-like Quantum Stealth, have depended on advanced technology or expensive and exotic materials to make an ob-

ject disappear. However, most of these devices only work when you are looking through them from a certain angle. If you shift your viewpoint even the slightest bit to the left or right, the object pops back into sight, or the background shifts and the illusion is lost. Other attempts have not been able to completely shield an object.

The Quantum Shield, which is considered one

SEE CLOAK, PAGE B8



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The precise distance between the two pairs of lenses is crucial to creating the Rochester Cloak's effect.



# BlackBerry releases Passport smartphone



COURTESY OF MAURIZIO PESCE VIA FLICKR  
BlackBerry has released a new phone, the Passport, to compete with other smartphones on the market.

By ELSHEBA ABRAHAM  
Staff Writer

September was likely the highlight of the year for smartphone enthusiasts everywhere. Not only were they treated to the long-awaited iPhone 6 and 6 plus, but now BlackBerry has decided to contribute to some of the ongoing buzz with their own new invention: the BlackBerry Passport. Launched just a couple of days after the release of Apple's iPhone

6, the Passport is the company's latest effort to reestablish itself in an industry currently dominated by Apple and Samsung. One of the key factors that has encouraged everyone to give a second look at this phone is its square shape. Diverging from the conventional tall and rectangular profile of most smartphones, the Passport has a large touchscreen and the iconic BlackBerry keyboard. However, some users report that the

awkward shape makes it nearly impossible for one-handed use. Reviewers appear to think that the Passport has both pros and cons. The tech website CNET gave it three-and-a-half out of five stars. It praised its powerful hardware, but disapproved of the fact that some apps found on Google Play, such as Instagram, were missing from the Amazon app store that BlackBerry uses. Outside the professional world, however, the popularity of the Passport doesn't appear to be on par with other devices on the market right now. Most people here on campus were not even aware of the release of the phone, but those who did were sufficiently impressed. Sophomore Alec Tabatchnick felt that the physical keyboard present on the phone really

made the Passport stand out among other smartphones. "I love that feeling [of being able to type], and it would make writing out long texts much easier," Tabatchnick said. He felt that a major drawback to the phone is its \$599 price tag without a contract. Also, he thought that the fact that it's only available through AT&T could dissuade many people from getting one. Overall, though, Tabatchnick felt that the phone could still appeal to certain people. "If you just need something functional that's great for productivity, the Passport is a good choice," he said. Despite a difficult past few years, BlackBerry CEO John Chen said in a press conference that he was confident that the company is on its way up. Chen did acknowledge that the Passport will most likely not replace the iPhone. The company doesn't seem to plan on slowing down anytime soon. Within a few months they will relaunch the BlackBerry Classic, which is reminiscent of the once-popular BlackBerry Bold. They also have plans to release their new mobile device management system, the BlackBerry Enterprise Service 12 (BES12) in the coming month. The BES12 is a business software that will allow companies to utilize Windows-based devices with Android and iOS devices for more secure device, application and content management.

# Obama acts to slow Ebola's rapid spread

EBOLA, FROM B7  
to set up 17 new Ebola treatment units. They will also train 500 new health-care providers a week. Freshman Kendall Reitz explained what he took to be U.S. President Barack Obama's rationale for providing international aid now, even though the virus has been ravaging West Africa since March. "Obama sent help when he did because it coincided somewhat with the release of information that there would be over a million cases of Ebola by December if the spread continued like it had been," Reitz said. In a report published on Oct. 1, Save the Children, an international charity, stated that Ebola infects five new people every hour in Sierra Leone alone, and the rate is expected to double to ten per hour by the end of October. While the fatality rate for Ebola has in the past ranged from 25 to 90 per-

cent, this outbreak's fatality rate lies around 70 percent, according to figures released by the World Health Organization (WHO). In a special UN meeting in September regarding Ebola, Obama argued that containing Ebola is a security issue, in addition to an international health issue. Freshman Heidi Woll further echoed these national security concerns. "A public health crisis is always a security issue, no matter its epicenter.... with the number of deaths in West Africa currently in the thousands, it is a mistake to assume that terror is only a product of man-made violence, and an even larger mistake to assume that the virus will mainly remain in the confines of African territory for long," freshman Heidi Woll said. Duncan's diagnosis and subsequent death has served as an indicator that Ebola can, and has, reached the U.S.



WIKIMEDIA.ORG  
The current Ebola outbreak has about a 70 percent mortality rate.

# Invisibility cloak: not just for Harry Potter



ROCHESTER.EDU  
Using four lenses, researchers were able to craft a cloaking device.

CLOAK, FROM B7  
of the best cloaking devices, can render an object or person 95 to 98 percent invisible and was reported to show a few flashes of color when an object moves behind the blind. Environmental conditions such as color of the background and lighting seem to have a pronounced effect on the Quantum Shield's efficiency in minimizing distortion of the background. The research team used two sets of two lenses, where the first pair was of one focal length and the second pair was of a different length. They then took one lens from each pair and positioned them on an optical bench such that the distance between the two lenses is the sum of their focal lengths. The remaining two lenses were oriented in the same way. The second pair of lenses were then positioned to a calculated distance apart, so if an object were placed between the first two lenses, it would be effectively cloaked from view. This simple design is not

only inexpensive and practical, it is also able to overcome some of the limitations of previous cloaking device designs. The beauty of the Rochester researchers' design is that it scales up — the Rochester Cloak can make anything invisible, as long as the lenses are big enough. However, the scientists are not suggesting that their device will be made into a cloak similar to the one described in the pages of the *Harry Potter* series any time soon. Instead, Choi imagines that their cloak could be used to eliminate blind spots when driving or even conceal nurses' hands during a surgery so they do not obstruct a doctor's view. The idea for a simple cloaking device, which came to Howell while he was working on a project with his children, has now blossomed into a design with potential for real world integration. For now, Howell and Choi have submitted their study to the journal *Optics Express* and filed for a patent for their device.

# Misdiagnosis rate of malaria cases increases

MALARIA, FROM B7  
the treatment entirely. In 2004, Nobel Prize-winning economist Kenneth Arrow, inspired by Coca-Cola's approach, conceived an idea to make the high-quality drugs just as affordable as the ones that do not work. The organization that emerged from Arrow's efforts was termed the Affordable Medicines Facility for Malaria (AMFm). Although truly innovative in its goal of creating a consumer market for antimalarials in order to increase affordability, the actions of AMFm have recently backfired. They have backfired in part due to what makes many believe that AMFm was a fantastic idea: the prevalence of malaria. Individuals often self-diagnose malaria and purchase antimalarials despite having other illnesses that produce similar symptoms. This might not result in such a problem in the U.S., where physicians can dissuade patients from taking unnecessary medication. Hospitals and private physicians are more rare in Africa. This leaves many individuals with only the option of purchasing the medication from a drug store, where profits — not health — are often the top priority. AMFm launched in 2010, and two years later, the price of the highest quality antimalarials dropped significantly. This led to an increase in sales for the medications. However, a propor-

tion of the consumers did not actually have malaria. Such patients will often have a fever cured by the antimalarials, but this effect can prevent them from realizing that they have another illness such as dengue fever or pneumonia until the progression of the disease is too late to be stopped. The organization that hosted AMFm, called the Global Fund to Fight HIV, Malaria and Tuberculosis, discontinued this method in 2014. Remaining funding is being put towards making

diagnostic tests more effective and accessible to individuals. The tests are not being used to their full potential because there is simply no incentive for employees of drug stores to offer the inexpensive tests when more expensive antimalarials are much more profitable. Many employees even offer antimalarials despite negative test results, asserting that symptoms will be reduced. This misleads many individuals into thinking that their current disease is taken care of, which

means that they do not seek the medical care they need. Some economists believe the solution is to mandate that pharmacists charge a standard price for all malaria drugs, but this approach requires regulation and enforcement that is not yet achievable. A current approach is to let pharmacists know that selling diagnostic tests and then sending those who test negative to seek medical help can improve their reputation because they can save lives through this action.

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## SCIENCE &amp; TECHNOLOGY

## Studying brain mysteries with algae

Before the advent of modern neuroscience, the brain was viewed as an impenetrable box.

Given the rudimentary techniques available, it was impossible to investigate the physical events that underlie the human mind and behavior. Thus, classical behaviorists avoided the human brain, depending entirely upon easily observable behavioral characteristics to investigate the human mind.

Since then, scientific technology has grown immensely. Advances in microscopy have allowed for an impressive view of neuronal anatomy and structure. Sophisticated electrophysiology and calcium-based imaging have enabled recording of neuronal activity in single neurons as well as large neuronal populations without sacrificing resolution. We can now even use rabies virus to elucidate the extracellular communication of neurons. These technological breakthroughs have significantly accelerated research progress in the exploration of brain science.

Arguably, however, one experimental technique stands out. Perhaps the greatest scientific invention of 21st century neuroscience, it is a technique that has allowed neuroscientists to biologically probe neurons in ways that provide unprecedented understandings of circuit mechanism underlying brain function. Termed optogenetics, the tool is a fascinating story of how algae can be used to shed light on mysteries of the brain.

Nearly 100 years ago, the Spanish pathologist Ramon y Cajal discovered that neurons are the fundamental unit of the nervous system. By releasing chemicals called neurotransmitters, neurons can communicate with each other within circuits to modulate all aspects of our everyday life, from sensory perception to emotions and creativity. Thus, the overarching view of contemporary neuroscience posits that brain function is a reflection of neuronal networks.

Experimentally speaking, however, investigating how networks influence behavior is a major technological conundrum. Neuroscientists require a method to selectively activate or silence neural circuits that would be similar to the molecular tools available to geneticists for studying the functional significance of genes.

By observing what function is enhanced or lost after a specific circuit is deactivated or activated, neuroscientists can gain a better understanding of how different circuits are responsible for various types of brain function. However, such loss and gain of function studies have been challenging to realize owing to the difficulty of functionally probing the activity of certain neurons without disrupting others. In addition to this specificity problem, neuronal activity occurs on the scale of microseconds. How can we reca-

pitulate this precise temporal solution on the lab bench?

Optogenetics is the solution to these problems. It allows specific control over neural activity with high temporal resolution.

The story of optogenetics began with photosynthetic green algae. Since green algae make their food from photosynthesis, they will tend to move toward areas of brighter light. This movement from low intensity to high intensity light is controlled by light-sensitive ion channels known as rhodopsin. Expressed on the cell membranes of algae, rhodopsins open in response to light to allow ions to pass through, leading to a cascade of intracellular reactions that guide algal movement towards areas of brighter light.

Control of neuronal activity operates in very similar ways. Depending on the ion that floods inside the cell membrane through an ion channel, the neuron can either be turned on or off. The channels that exist on neuronal membranes usually open in response to binding of a neurotransmitter or electrical energy.

By genetically engineering desired neurons to express light-sensitive

algal rhodopsins on their membranes, scientists can cause ions to flow inside a neuron by shining a light. Depending on the type of rhodopsin expressed on the membrane (which dictates what ion flows through), the neuron can be functionally excited or silenced. In other words, neuronal activity can be manipulated by the switch of a light.

As soon as the light is turned on, the rhodopsin channels open to allow for modulation of activity through ion movement. As soon as the light is turned off, the rhodopsin channels close, and the ion flow ceases. Therefore, combining the temporal resolution of using light

(opto-) with the specificity of genetic tools (-genetics), optogenetics emerges as a powerful tool dissecting neural circuits.

Since its first experimental application in 2005 by the Karl Deisseroth lab at Stanford University, optogenetics has been widely used for neuroscience research throughout the world. For instance, the profound utility of optogenetics cannot be understated within the realm of psychiatric illnesses.

Last year, two studies published in *Science* provided the first-ever direct proof of a specific neuronal pathway responsible for obsessive-compulsive disorder (OCD).

For a long time, the organic basis for psychological disorders has evaded clinicians and scientists. Unlike disorders of the heart or the liver, diseases that affect the brain radiate an aura of great mystery. The lack of insight into the pathogenesis of psychiatric illnesses has

resulted in ineffective treatments. Given the ubiquity of brain disorders and their significant impact on society, newer and more efficacious treatments are in desperate need.

For the first time ever, optogenetics is beginning to unveil neuronal circuits responsible for brain dysfunction, setting the groundwork for development of better therapeutics. By helping scientists better understand the circuit mechanism of neuronal function, optogenetics is moving us towards a future free of depression, schizophrenia and other brain disorders that devastate individuals, families and society.

## Studies bring tumeric to stem cells research



NATURALREVOLUTION.ORG

Researchers are looking at turmeric spice for possible stem cell studies.

By MARU GARZA  
Staff Writer

Turmeric, known scientifically as *Curcuma longa*, does more than just add spice to the curry eaten all over the world. Native to southeast Asia, the orange and yellow plant has been used for centuries not just as a dye or a spice but also as a medical treatment. A lab in Germany has recently brought turmeric back into the medical playing field. The study, done by Maria Adele Rueger and her team, tested the compound's utility in relation to diseases of the brain.

In India, turmeric use has been documented for at least 6,000 years as a medicine, a dye, a beauty aid, a spice and even a necklace to ward off evil. Chinese medicine uses it to treat the spleen, the stomach and the liver as well. The ancient Persian medi-

cal system used the herb to purify the blood.

As an herb known to contain antioxidants, antibiotics, anti-inflammatory action and preservatives, it is no wonder turmeric's compounds have been under scientific consideration.

Curcumin and ar-turmerone are two of turmeric's major chemicals with promising properties for disease treatment. More commonly studied, curcumin has anti-inflammatory properties that caused it to be considered as a treatment for diseases such as pancreatic and colon cancer, Alzheimer's and arthritis. However, Rueger was interested in the possibilities of ar-turmerone.

The researchers first looked at the compound's effect on rat fetal neural stem cells. The cells were grown in vitro at different concentrations of ar-turmerone for 72 hours, and, amazingly, the neural stem cells were shown to increase by up to 80 percent with cell survival being unaffected.

The team also assayed the stem cells and found an increased differentiation of growing neurons, which means that the stem cells were developing into specific types of neural cells.

The in vitro effects encouraged the team to move forward into studying ar-turmeric's properties in vivo. They saw an increase in the neuron cell populations around the subventricular zone of the rats' brain, an area which is known to exhibit stem cell creation. The results on rat brains mimicked those seen in petri dishes, suggesting that the effects of the compound had the potential for which the team had been searching.

In previous studies, ar-turmerone has been known to exhibit differing effects when tested on different cell types. In some cell types, cells seemed to proliferate more, while in others proliferation ceased.

For example, some cancer cells divide less when exposed to ar-turmerone, while specific blood cells are known to divide more under similar conditions. However, the oncogenic, or cancer-causing, properties of cancer cells might be providing complications. This is especially true when controlling something as sensitive as cell division.

Because humans have such a complex brain and spinal cord, little is known about regeneration of damaged tissue. This makes neurodegenerative diseases, brain damage and spinal cord injuries hard to treat. With diseases such as Alzheimer's, Parkinson's and multiple sclerosis affecting five million, one million and 400,000 people respectively, scientists are turning to neuroregeneration studies like this to improve the lives of millions.

## Fossil discovery sheds light on multicellular life

By SUNNY CAI  
Staff Writer

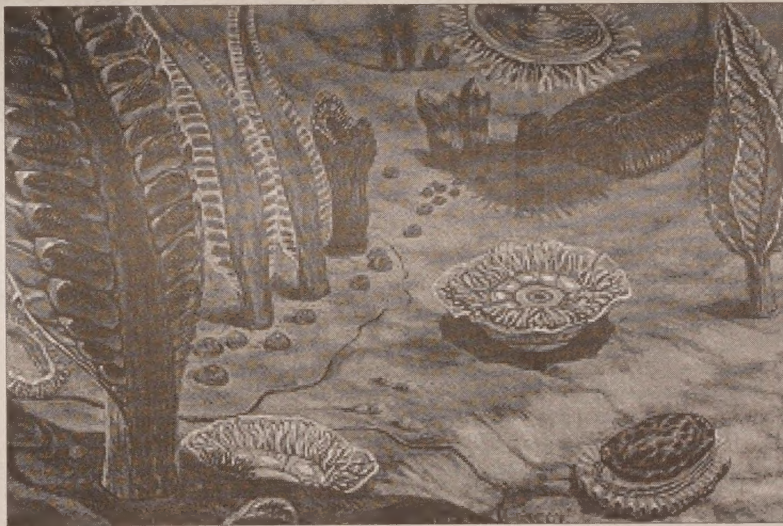
It is hard to fathom that animals as complex as humans evolved from tiny microscopic organisms. A recent fossil discovery may provide more insights into how exactly the evolution from single-celled forms of life into the intricate life forms alive today happened.

A team of researchers from the Chinese Academy of Sciences and Virginia Tech has discovered some of the world's oldest multicellular organisms in 600 million-year-old Ediacaran fossils.

The Ediacaran Period occurred between 635 million and 542 million years ago, from the end of the global Marinoan Glaciation to the beginning of the Cambrian Explosion. The study, which was published online in *Nature* on Sept. 24, offers scientists fresh perspectives on the early evolution of complex multicellular organisms.

In order to determine when, why and how multicellular organisms arose from single-celled predecessors, the researchers examined phosphorite rocks, rocks made up of calcium phosphate, from the Duoshantuo Formation in South China's Guizhou province. According to Shuhai Xiao, one of the study leaders, the region around the Duoshantuo Formation was probably a warm shallow sea 600 million years ago.

The researchers found that the well-preserved, three-dimensional multicellular fossils they retrieved exhibited common qualities shared by complex multicellular



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A recent discovery in China has unearthed 600 million-year-old fossils that give insights into early evolution.

organisms, such as animals and plants. Such qualities include cell differentiation and specialization, cell-cell adhesion, communication between cells, the separation of reproductive cells from non-reproductive cells and apoptosis, or programmed cell death.

The organisms preserved in the fossils may possibly be the world's first animals. By examining the small, spheroidal fossilized organisms, the researchers determined that they could be ancient precursors to either animals or multicellular algae.

The fossils date to nearly 60 million years before the Cambrian Explosion, which was an enormous growth spurt of new life on earth that gave rise to skeletal animals, among others.

The discovery of the fossils provides evidence that multicellularity came about nearly 60 million years before most major animal phyla

emerged in the fossil record.

The researchers' discovery challenges several long-standing interpretations of multicellular fossils. The degree of complexity in these multicellular fossils is inconsistent with the relative simplicity of the bacteria and other single-celled organisms typically believed to be present 600 million years ago. The situation is akin to androids roaming the earth in the midst of mortal humans today.

In previous studies, similar fossils have been interpreted as bacteria, fungi, single-celled eukaryotes, green algae or various types of early animal life. The final category includes transitional forms of modern animals, such as sponges or anemones. However, the scientists believe that the fossils analyzed in this study are most likely not bacteria, as they share characteristics with more complex multicel-

lular organisms. Consequently, this narrows down the possibilities to either transitional forms of modern animals or an ancient prototype of multicellular algae.

Some loose ends remain untied. Since the fossils retrieved from the Ediacaran Duoshantuo Formation look so different from anything alive today, they have been difficult to characterize. It is possible that the fossils analyzed in this study may consist of a group of early animals that went extinct and thus have no evolutionary link with the living animals of today.

The researchers believe further investigation is required to pinpoint the exact location of these fossils on the evolutionary tree of life. Xiao suggests that future research should aim to reconstruct the complete life cycle of fossils through an extensive, all-encompassing paleontological investigation.



SPORTS

# Lady Jays net seven in shut out victory

By DEVIN TUCKER  
Staff Writer

On a cool Friday night, the Lady Jays field hockey team took the field with the goal of attaining a winning record in the Centennial Conference. Although the weekend came with many distractions, the Lady Jays maintained unfaltering focus on the goal at hand. Swarthmore came into the game with a 0-3 Centennial Conference record and looked to upset Hopkins on its home turf. The Lady Jays, coming off of two losses themselves, prepared to attack the weakened foe.

The game began with nerves from each side, making the initial minutes of play sloppy and haphazard. After some back and forth play for the first 12 minutes of the game, senior Lucy Woodrow received a pass from sophomore Austin Davis and buried the ball into the back of the net for her third goal of the season.

Swarthmore took a hit to its morale, but continued to fight until around the 24th minute of the game when the Lady Jays scored two goals in under a minute. Junior Natalie Vicas one-timed a shot past the Garnet goalkeeper to make it 2-0. She was followed by a beautiful goal by junior Kiana Duncan, who torched two defenders and ripped a shot just inside the post. By the 24:48 mark in the game, Hopkins led 3-0, and the floodgates were just beginning to open up. Shortly after the 32nd minute mark, senior Alexa Lantiere stepped up and put one in right before the halftime buzzer, making the score 4-0 and giving Hopkins a cushion to return to for the second half.

With a four-goal lead, the momentum favored the Lady Jays leading into the second half, and they used this en-

ergy and enthusiasm to impose their will on the Garnet. The Lady Jays did not waste any time when returning from the break. Freshman Morgan Pothast buried a one-timer into the back of the net after receiving a beautiful pass from Davis, further strengthening their lead. Vicas, who scored earlier in the game, was not satisfied with just one goal and put in her second by redirecting a pass from junior Leslie MacManus, which narrowly squeaked past the right post. Finally, sophomore Liz Stillman sent the Garnet packing with the seventh goal for the Lady Jays.

Stillman ended the game with style by ripping a shot from the top

of the circle and into the bottom left corner. Despite not having the most engaging game of her Hopkins career, junior goaltender Zoey Atabek made three saves to preserve the shut-out. Her counterpart, freshman Greta Helvie, entered the game in the second half, making one save and ensuring the Garnet goose egg.

After the game, sophomore Victoria Piscopo offered her viewpoints on the game against Swarthmore on Friday night.

"After a week of practice, our team came out with confidence and focused on the little things," Piscopo said. "Our preparation and confidence coming into the game earned us the victory."

She also discussed the strengths of the Lady Jays as a team.

"Our team's best attributes are our passing and awareness skills," Piscopo said. "We succeed in 'little hockey' as opposed to using the big ball."

After their potent victory at home, the Lady Jays return to action against Ursinus at home on October 11th at Homewood Field.



RUN BANLENGCHIT/PHOTO STAFF  
Atabek held her ground in the goal.

# Football cruises to 5-0 in win over Juniata



NANCY KIM/PHOTOGRAPHY STAFF  
Anderson completed 20-27 passes in the Juniata game.

By IAN GUSTAFSON  
Staff Writer

The Blue Jay football team kept its regular season success rolling on Saturday, as they steam-rolled Juniata 56-14, scoring touchdowns on six of its first seven possessions. Saturday's game marked the 39th time Hopkins has emerged victorious in its last 40 regular season games.

Ranked ninth in the nation after the win, the Blue Jays had a 14-0 lead with 153 yards of total offense just 10 minutes into the game. Sophomore tailback Stuart Walters scored on a seven-yard run to cash in a nine-play, 61-yard drive, and the

junior receiver Ryan Finkel to put the Jays up two scores.

Early in the second quarter, the Eagles put together their best drive of the afternoon in which their quarterback completed all six passes for 63 yards to cut their deficit to 14-7. Hopkins was not deterred, however, putting together a methodical 12-play, 445 drive capped by an eight-yard touchdown run by junior running back Brandon Cherry. The Blue Jay defense, virtually impenetrable all afternoon, forced a quick punt, and Hopkins took over at the 37-yard line.

Hopkins put the game nearly out of reach just three minutes after its

last touchdown with a 46-yard run from sophomore running back Dionisio Roman, the longest of the season for any Blue Jay, to run the score up to 28-7. Juniata had one more chance to make it a two-possession game before the half, as they drove 80 yards to the Blue Jay 21-yard line, but sophomore Jack Toner killed the Eagle drive with an interception in the end zone with 1:18 remaining in the half.

"It was a crucial point in the game because Juniata was threatening to cut the lead in half and they were going to receive the ball to start the second half," Toner said. "Our defense as a whole takes pride in keeping people out of the end zone. I was fortunate enough to be able to make a play to help our defense do that."

Walters wasted no time opening the last Blue Jay drive of the half with two runs for 21 yards, and Anderson completed back-to-back 17-yard passes to junior Evan Adamo and sophomore Quinn Donaldson. The Jays finished the half with a four-yard touchdown pass to sophomore Bradley Munday to run their lead up to 28 points going into the half.

Second half touchdown runs from senior Alec Sinatro and freshman Ryan Cary added to the lead. Sinatro's run came from just one yard out, while Cary's was from 16.

On the day, Anderson finished 20 of 27 for 203 yards and three touchdowns, while receivers Finkel and Munday finished with identical stat lines of five catches for 49 yards and a touchdown.

"The adjustment from [former quarterback] Robbie Matey to Braden Anderson has been very easy," Munday said. "He has done an unbelievable job taking on the starting role and leading our offense, and he makes it so easy for everyone else on the field."

Yet another regular season win built excitement in the Blue Jay locker room.

"Our ultimate goal is to win the conference, but we know we need to stay focused on each game one week at a time, or we won't achieve that goal," Munday said.

The Blue Jays will return to action at Dickinson on Friday, October 17, where they will look to run their regular-season win streak to 17 games.

# Men's, Women's XC teams shine in Bethlehem

By SI YEON LEE  
Staff Writer

On Saturday, the Hopkins men's and women's cross country teams raced in the Paul Short Invitational, a prestigious tournament with a competitive field of many of the nation's most elite runners. The meet was split into three races: Gold, Brown and White, with Gold being the most competitive. Both the men's and women's teams competed in the Gold race, finishing 30th and 10th, respectively.

Senior Austin Stecklair finished on top among Hopkins runners with a personal best time of 24:59, establishing his pace from the beginning of the race. The sub-25 minute time was not only the first in his career but also the only one among Centennial Conference runners. With a top-10 finish among D-III runners, Stecklair was named the Centennial Conference Men's Cross Country Runner of the Week.

Right behind Stecklair were sophomore Stefan Arnold and senior Andrew Ceruzzi, who both fought to maintain a pack of Hopkins runners. They finished with times of 25:35 and 25:40, respectively, each under a minute behind Stecklair's stellar performance.

Junior Schaffer Ochstein (25:44) and sophomore Akshay Alghatta (26:16) rounded out the top five Blue Jay runners.

The team looks to improve its gap between the first and fifth Hopkins runners as the season progresses into more significant races.



HOPKINSSPORTS.COM  
The men's and women's teams finished strong at the Paul Short Invitational this past Saturday.

The women's team had one of its best races of the season, finishing tenth with a season-best average time of 21:15.

"It was a very competitive meet with a lot of D-I teams and our team was excited to contend well in such a talented field," junior Caroline Powers said.

Junior Sophia Meehan came out of the gate sprinting, and the rest of the Lady Jays followed her lead, according to freshman Bridget Gottlieb.

"I think I was able to have a good race because it was a pretty fast course, and a few of my teammates were ahead of me, so it kept pushing me to go faster to try and run with them," Gottlieb said.

After her quick start, Meehan remained relentless, slowly accelerating her pace to finish 18th. Her 20:30 time was a personal best.

Senior Ashley Murphy and Gottlieb kept up the fast pace, chasing Meehan to their own personal best runs of 21:16 and 21:22, respectively.

"We tried to get out fast, and I think that really helped," Gottlieb said.

The Lady Jays never let themselves off of the

quick pace they set out from the start.

Gottlieb, even after her personal best race, had no trouble finding motivation.

"I want to work on my kick at the end of the race, and make sure I do not get passed by anyone," she said.

Sophomore Tess Meehan followed fourth among Hopkins runners with a personal record of her own (21:25) and Powers (21:41) rounded out the top five.

"I was happy with my individual time as it was a big improvement from last year," Powers said.

The Lady Jays continued to solidify their position as one the elite teams in the country but still look to improve, especially in maintaining a tight pack runners throughout the race.

"We will all continue to train hard with one another and focus on racing in packs, hopefully tightening the gap between our top runners," Powers said.

After a successful meet, both teams will take a week off before they split their teams to compete in both the Oshkosh Invitational in Wisconsin and the Princeton Invitational in New Jersey.

BLUE JAY SPORTS SCOREBOARD			
Men's XC	Women's XC	Men's Soccer	Women's Soccer
October 4, 2014 @ Paul Short Invite 30th Place (780 pts)	October 4, 2014 @ Paul Short Invite 10th Place (318 pts)	October 4, 2014 vs. Dickinson L, 1-0 October 8, 2014 @ Eastern Mennonite W, 1-0	October 8, 2014 vs. Franklin & Marshall W, 2-0
Football	Volleyball	Field Hockey	Water Polo
October 4, 2014 vs. Juniata W, 56-14	October 4, 2014 @ Swarthmore L, 3-2 October 4, 2014 vs. Neumann W, 3-0	October 3rd, 2014 vs. Swarthmore W, 7-0 October 8, 2014 @ Franklin & Marshall L, 6-1	October 3-4, 2014 @ Gary Troyer Memorial Record: 1-3



SPORTS

Top five D-I football programs analyzed



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Defending champion Florida State is second in this week's rankings.

As we enter the sixth weekend of college football, conversation about the Heisman has begun, teams have already accomplished tremendous upsets and the season is barely a month old. This week, we will delve into the top five college football programs in the country.

The Auburn Tigers have taken the No. 1 spot in ESPN's College Football Power Rankings for week seven, around the halfway point of the season, after beating the LSU Tigers 41-7. Auburn quarterback Nick Marshall, who was instrumental in the team's turnaround last season, threw for 207 yards and two touchdowns while also tallying 119 rushing yards and two scores, easily his best performance of the season. Running back Cameron Artis-Payne added another 126 yards on the ground. Auburn's defense also performed well, advancing to 14th in total defense, allowing an average of 306.6 yards per game and holding LSU to its first loss this regular season. The Tigers now sit with a very impressive 5-0 record on the season, good for first overall in the West Division. Auburn's next opponent will be Mississippi State when the Tigers travel to face off against the Bulldogs, another undefeated team in the West Division. Both teams will put their perfect record on the line, though the Tigers have the clear edge according to multiple college football experts.

Coming in at second place in the power rankings are last year's champions, the Florida State Seminoles. Florida State remains undefeated after beating the Wake Forest Demon Deacons this past weekend by an embarrassing final score of 43-3. Kicker Roberto Aguayo scored five field goals, four of which were outside of the 40 yard line, while last year's Heisman winner, quarterback Jameis Winston, threw for 297 yards and a touchdown, while running for a score as well. Despite the strong offensive performance, it was the Seminole defense that stole the spotlight, holding Wake Forest to 126 yards and forcing three turnovers. The 2014 champions will travel to upstate New York this weekend to face off against the Syracuse Orange, a team that has struggled to find its identity while accumulating

a 2-3 record so far on the season.

Speaking of the Bulldogs, Mississippi State jumped nine spots in the rankings, taking third place this week after defeating the Texas A&M Aggies 48-31. Quarterback Dak Prescott, who is already in the running for a potential Heisman, completed 20 of 26 passes for a total of 268 yards and two touchdowns and rushed for another three to cap off a nearly perfect day of football. Running back Josh Robinson added another two touchdowns and now totals 592 all-purpose yards this season. On defense, linebacker Richie Brown tied a school record by intercepting three passes. The Bulldogs will face No. 1 ranked Auburn this weekend in an SEC matchup that will likely affect the rankings for the rest of the season. As mentioned above, Auburn holds the advantage, but expect this game to be one of the most memorable of the college football season.

Ole Miss takes fourth place, and is the last of three SEC teams in the top five. The Rebels beat Alabama 23-17 after a nail biting fourth quarter. Ole Miss scored twice in the last five and a half minutes of play, including an incredible end-zone interception with 37 seconds left on the clock. They held the Crimson Tide, who came to Mississippi averaging 42 points per game, to a mere 17. They remain undefeated heading into another star-studded matchup this weekend when the Rebels travel to College Station, Texas to take on the Aggies of Texas A&M.

Rounding out the top five is the Notre Dame Fighting Irish, who beat Stanford 17-14 this past weekend in a very tight matchup. Despite the Cardinal's undefeated record, quarterback Everett Golson's performance is cause for concern as he continues a worrying streak of offensive performances, finishing just 20-for-43 passing with an interception and a fumble. However, what Notre Dame lacked in offense, it made up for in defensive performance, holding the Cardinal to 205 yards and intercepting Stanford quarterback Kevin Hogan twice. The Fighting Irish will play host to the Tar Heels of North Carolina, who have notched a 2-3 record thus far this season and will have to perform on all cylinders if they hope to best a stingy Notre Dame defense this weekend.

Nick Ramanathan  
Guest Columnist

Blue Jays fall short against Red Devils

By RACHEL COOK  
Staff Writer

Over the weekend, the Hopkins men's soccer team fell to Dickinson in a hard-fought 90 minutes. There were many ups and downs in action throughout the game coming from two teams that have a combined 13 wins this season.

Coming into the game, Head Coach Craig Appleby had prepared his team to play in a more aggressive style of offense going against the highly ranked Red Devils.

"All year we have been trying to play a more possessive style, and that doesn't change based on who we are playing," junior defender Kenny DeStefano said about his coach's plan heading into game. "Through the midfield we are very talented and technical so we try to take advantage of that and pass the ball faster than the defense can react."

Hopkins did just that throughout the first half, outshooting the Red Devils 4-3.

Heading into the second half, both teams remained scoreless and neither was letting up. At the 77th minute, DeStefano received a pass from junior teammate Josh Hong and fired a shot from 15 yards out, heading straight for the far post. Red Devils goalie Reed

Milbrath made a diving save, knocking the ball out and keeping the game tied at 0-0.

In the 90th minute, Red Devil Will Bracken capitalized on a corner kick, putting Dickinson up 1-0. Red Devils teammate Lucas Masia-do played the corner into the box, but Hopkins senior goalie Nick Cerrone punched the ball out. It landed near Dickinson's Matthew Edmonds, who kicked the ball to the far post where Bracken headed it to the back of the net.

"The last five to 10 minutes of regulation in a tied game are very tense for both teams," DeStefano said. "There were chances for both sides, the ball just gave a favorable bounce to the other team and they capitalized."

With the goal coming in the last twenty seconds, Hopkins did not have time to manufacture a come back. Hopkins now drops to 6-3-1 overall and 2-2-0 in the



NANCY KIM/PHOTOGRAPHY STAFF  
Despite generating several scoring opportunities, the Jays could not pass the Devil's defense.

Centennial Conference. The Jays now rank fifth in the conference and will have to rise in the standings in order to make the playoffs.

"We definitely aim to make the conference playoffs, as we have consistently in the past, and we would love to get another chance to battle with Dickinson," DeStefano said. "Results aside, it was a very competitive game, which are always fun."

With five conference games remaining in their regular season, the Jays will be looking to maintain their winning record.

"Winning is contagious, and I feel like we got off to a really good start this year so now every time we take the field, we are expecting a good result," DeStefano said. "When this is your mentality, you find a way

to score goals, which we have been doing."

The Jays will face off against top-ranked Franklin & Marshall and fourth ranked Muhlenberg before they call an end to their season. Undefeated F&M present the biggest challenge so far, and the Jays are adamantly preparing for the game.

"Our league is very competitive this year and results can go either way in a lot of games," DeStefano said. "We are continuing to improve every week, hoping to have an exciting finish to the year."

The Jays take the field again Saturday to face off against Ursinus in Collegeville, Pa. The team looks to bounce back and grab another win to help improve its chances of making the Centennial Conference playoffs.

ATHLETE OF THE WEEK  
JOHNNY BEAL - MEN'S WATER POLO

By KYLE GILLEN  
For The News-Letter

Over the weekend, the Hopkins water polo team traveled to California to compete in the Gary Troyer Memorial Tournament, in which the Jays played four of the nation's top 10 teams in all of D-III. Although Hopkins dropped three of four, they beat the fourth-ranked team in the country, the Claremont-Mudd-Scripps, 15-10 before falling to Whittier in the final game of the weekend.

While the Jays have fallen to 6-6 on the season, they have shown their talent by defeating a top 10-ranked team in both D-I and D-III.

In these big wins, senior captain Johnny Beal has had a huge impact. The Upland, Calif. native finished this past weekend with five goals, two assists and two ejections in the Jays' only win as they beat the Stags 15-10. Additionally, Beal notched at least two points in all three of the other games throughout the weekend. Beal is now ranked sixth in school history for points (222), fourth in assists (113) and 10th in steals (78) as of Oct. 7, 2014.

Apart from being one of the team's top players in all offensive statistics, Beal was awarded The Collegiate Water Polo Association's Southern Division Offensive Player of the Week this past week due to his impact on the team's set of conference wins against Princeton and Bucknell. The win over Princeton, who was ranked eighth in D-I at the time, was the first ever victory by a D-III team over that of a top-ten ranked D-I opponent in any sport.

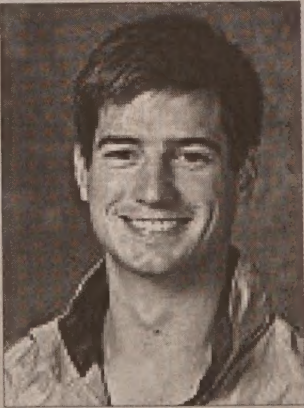
Beal was instrumental in the Blue Jay victory against Princeton

as he scored three goals while adding a steal and a block. Beal's final goal turned out to be the game-winner with 48 seconds left in regulation. Then, against Bucknell, Beal accumulated two goals, three assists and two steals against the conference rival.

As a result of his individual accomplishments, his honor of Offensive Player of the Week by the Southern Division and for his tremendous leadership of the Jays this season, Beal inspired confidence in the team heading into each match?"

VITAL STATISTICS

Name: Johnny Beal  
Year: Senior  
Sport: Water Polo  
Major: BME  
Hometown: Upland, Calif.  
High School: Damien High



HOPKINSSPORTS.COM  
Beal notched a team-high in points.

N-L: "Erik, what has Beal done this season to inspire confidence in the team heading into each match?"

N-L: What do you expect from the George Washington Colonials in your upcoming division matchup this weekend? Will they be one of the toughest tests so far this season?

JB: "This Saturday, we plan to beat GW in their own pool and continue to battle for the top spot in the Southern Division. We continue to approach the postseason very quickly and as a D-III team in a primarily D-I league, we have nothing to lose and can surprise those who underestimate us. They will be a tough test, but one that we know we can handle if we continue to play our brand of water polo."

While the Jays look to rebound from last weekend's disappointing losses, they will rely heavily on Beal, Henrikson and Froomer. Their game against George Washington has the potential to be a turning point in what could be a very exciting season, both for the Jays and for Beal, who looks to end his water polo career at Hopkins with a Southern Championship victory.

News-Letter (N-L): "Langdon, how instrumental has Beal been for the team so far this season?"

Langdon Froomer (LM): "Johnny [Beal] has

N-L: "Johnny, what would you say have



# SPORTS

**DID YOU  
KNOW?**

The Hopkins women's lacrosse team partnered with the company Team STX this past weekend to generate donations for the Hopkins Sarcoma Program.

**CALENDAR**

SATURDAY

Field Hockey vs. Ursinus, 1 p.m.  
Men's Soccer @ Ursinus, 3 p.m.  
Women's Lax vs. North Carolina, 1 p.m.

## Volleyball bounces back after hard loss

By **ANDREW JOHNSON**  
For *The News-Letter*

This past weekend, the Hopkins women's volleyball team headed to Swarthmore College for a pair of matches against stiff competition. In the early afternoon session against the host squad, the Lady Jays had a 2-1 advantage heading into the fourth set before dropping the final two sets against a tough Swarthmore team. In the late afternoon portion of the competition, the Lady Jays were able to respond and dominate against Neumann en route to a decisive 3-0 victory. With the split, Hopkins evened their record to a 10-10 on the season, while the loss to Swarthmore dropped them to 1-2 in Centennial Conference play. However, the Lady Jays established a lead and offered a fierce challenge to one of the top teams in the conference. Swarthmore now sits at 11-4 on the season, including an unblemished 4-0 record within the Centennial.

In the first match against the Garnet, freshman Kristi Rhead was among the standouts for the Lady Jays with 10 kills and 40 assists over the course of the drawn-out five set match. Meanwhile, freshman Liz Wuerstle, sophomore Ally Hirsch and freshman Mereze Visagie paced the attack in the first match, each tallying over 10 kills a piece as well. Wuerstle, a talented outside hitter for the Lady Jays, tallied 14 kills and four digs in the match. Hirsch, a key setter, added one dig and one block to go along with her 15 kills. Finally, Visagie totaled four blocks and a dig to add on to her 12 kills.

Senior Anne Cohen was all over the court defensively, totalling 24 digs against the Garnet. The defense was also steadied from an excellent effort from fresh-

man outside hitter Erica Johnston, who ended the contest with 21 digs and added an additional five kills.

Following the hard fought contest against Swarthmore, the Lady Jays had to quickly lick their wounds and prepare for redemption against a tough Neumann squad. Neumann, entering the day's contests at 13-4, had an unblemished 5-0 record in the Colonial States Athletic Conference (CSAC).

However, Hopkins asserted its dominance on the court early and made quick work of the Knights in three sets by scores of 25-15, 25-15, and 25-17.

Offensively, Hirsch led the way against the Knights with 11 total kills across the three matches. Johnston put together a strong all-around performance for the Lady Jays, as she notched seven kills, two assists, and 10 digs in the victory.

Rhead put together yet another fantastic performance as she dished out 19 assists to go along with two kills and another 11 digs, while junior setter Carolyn Zin added 13 assists to help fuel the relentless Lady Jay attack.

The win was a satisfying one for the Lady Jays squad after dropping a very close match earlier in the afternoon.

This Wednesday, the Lady Jays return to action on Saturday to face Ursinus. Ursinus currently sits at 12-6 on the season, including a 1-3 mark in Centennial Conference play.

Despite their poor conference record, the match against the Bears will be no walk in the park. Both teams are looking to battle their way to a much needed win to help them find their way to the conference tournament.

The season has yet to reach the halfway point for the Lady Jays, and there will be a lot to watch as Hopkins enters the prime portion of their conference schedule.

## Blue Jays keep winning streak alive



NANCY KIM/PHOTOGRAPHY STAFF

The Hopkins football team, led by senior quarterback Braden Anderson, notched its fifth win of the season against a Juniata team that could not contain the Blue Jays' potent offensive attack. The 56-14 win helped boost the team to a ranking of ninth in the country in both the AFCA D-III Coaches Poll as well as the *D3football.com* Poll.

INSIDE

### Field Hockey: 7-0 Shutout

Strong goalie play and a relentless offense led the Lady Jays to a much needed win over Swarthmore. The win marked their largest since the start of the season. **Page B10**

### Athlete of the Week: Johnny Beal

After leading the Jays in points over a competitive weekend tournament in California, senior water polo captain Johnny Beal was recognized Athlete of the Week. **Page B11**

### Cross Country: Success in Bethlehem

The Hopkins men's and women's cross country teams traveled north to compete in the Paul Short Invitational. Against top D-I opponents, the Blue Jays ran well. **Page B10**

INSIDE

## Water Polo flies to California to face rivals

By **JOHN STOLLER**  
For *The News-Letter*

This past weekend, the Hopkins water polo team flew all the way across the nation to battle fierce competition in the pool.

Head coach Ted Bresnahan and the team flew west to the sunny college town of Claremont, Calif. for the annual Gary Troyer Tournament and the USA Water Polo D-III National Championships, taking place on Oct. 3 and 4, respectively. They faced two days of games ahead of them, looking to build upon a 5-3 record and three consecutive wins, including one over D-I powerhouse Princeton.

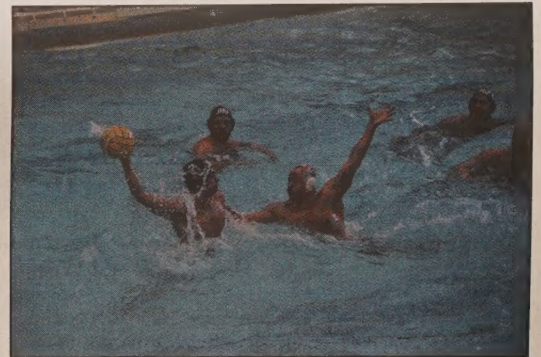
Facing a tough docket, including four of the top 10 teams in the D-III rankings, Hopkins turned in a record of 1-3 over the weekend. They ended up on the losing end of their two matchups in the Troyer Tournament on Friday, going down to fifth-ranked Chapman 11-6 and ninth-ranked Redlands 8-7 later that day. On Saturday morning, however, the Jays came back with a vengeance, beating Claremont Mudd-Scripps 15-10 before ending the weekend with a tough 11-9 loss to Whittier.

Friday marked the beginning of the tournament, in which Hopkins has been participating for over ten years. Against Chapman, the Jays were able to keep the game within reach early on, ending the first half only down one goal at 3-2. Chapman domi-

nated the third quarter though, with a barrage of six goals to put the game almost out of reach before the two sides traded two goals each in the fourth. Though not presented with too many man-up opportunities, Chapman was able to cash in on their five chances effectively, scoring four goals and putting the Jays in a tough spot throughout the game. Leading the way for Hopkins with two goals was junior Garrett Davidson, while senior Johnny Beal chipped in two points with a goal and an assist.

Later that afternoon, the Jays went down in a close contest against the Redlands Bulldogs. After conceding the first goal, Hopkins scored three straight to end the first quarter. After tackling on another two, the team headed into the locker room with a 5-3 lead. Redlands came out of the half with an intense focus, however, turning the tables on the Jays and outscoring them 5-2 to seize a close 8-7 victory. Beal again had a big performance, with two goals and two assists, while his fellow senior co-captain Wes Hopkins buried two shots. Junior Erik Henrikson had 13 saves between the pipes.

Now playing in the D-III National Championships, which faced the two top teams of 2013 from the East Coast against the top two from the West, the Jays came back with a renewed drive. The match started



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR  
Senior Captain Johnny Beal led the Jays on their trip to California.

fast, with both teams netting 4 goals. After another flurry of goals in the second half, the Jays found themselves heading into halftime down 7-6. Facing the prospect of going 0-3 on the California trip as well as losing in the semifinals of the tournament, the team had to regroup at the half.

"We were pretty stunned, but Johnny Beal gave us a passionate pump up speech and then we were able to regroup and have a great second half," sophomore Pete Fisher said.

And that they did, as the Jays scored five unanswered goals out of the break on the way to a 15-10 victory. Beal once again lead the scoring with five goals, while freshman Jono Gillette and junior Langdon Froomer each contributed three points. Five other Hopkins players got in on the scoring action as well.

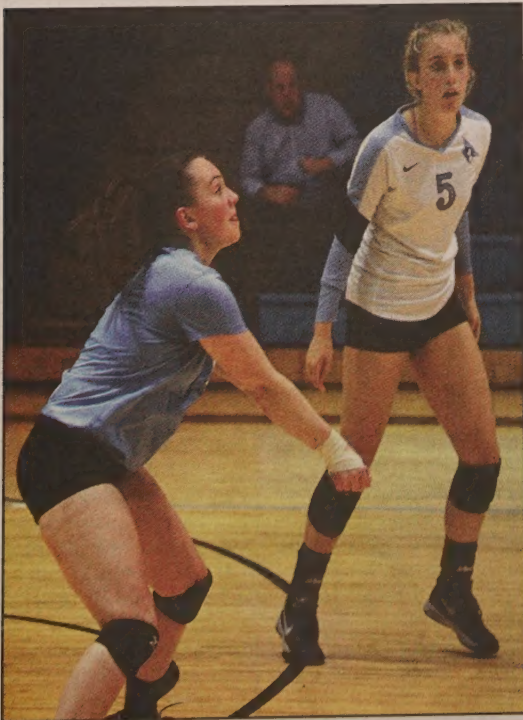
The Jays ended an intense weekend on a down note, however, losing in the finals of the

championship by a final score of 11-9 to Whittier. Despite keeping even with the Poets for the second half of the game, the team could not overcome an initial 3-0 deficit. Wes Hopkins and Beal had three goals each to cap off stellar individual efforts over the weekend.

"Whittier was our toughest opponent," sophomore Giovanni Cragnotti said. "Almost their entire roster is from Europe, and those players are more experienced and aggressive."

Despite a losing record for the weekend, the team had a good time both in and out of the pool, and several team members were able to enjoy being back home in California for a few days.

The next time the Jays take the pool will be at George Washington, a similarly ranked opponent, on their senior night. The Jays will hope to continue their dominant streak in conference matchups against the Colonials on Oct. 11 in Washington D.C.



NANCY KIM/PHOTOGRAPHY STAFF

Defense was the key to success against Neumann this past weekend.